

State of California  
The Resources Agency

DEPARTMENT OF WATER RESOURCES  
Division of Operations and Maintenance

# STATE WATER PROJECT OPERATIONS DATA

For the month of:  
**February 2001**

**Gray Davis**  
Governor  
State of California

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Secretary for Resources  
The Resources Agency

**Thomas M. Hannigan**  
Director  
Department of Water Resource

State of California  
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The Resources Agency  
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The organization shown above represents staff and positions relevant to this report as of publication date on August 31, 2001. It is the department's policy to not show staff in "Acting" or "Temporary" positions.

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## **MONTHLY HIGHLIGHTS**

The following highlights are activities or actions that impacted State Water Project operations during the month of February 2001.

Statewide precipitation was 75 percent of average for the 2000-2001 water year as of February 28. Statewide runoff was 40 percent of average for the water year. Precipitation percentages are used in this report to express historical and regional comparisons. Additional and more specific information is available via the internet at: [http://cdec.water.ca.gov/snow\\_rain.html](http://cdec.water.ca.gov/snow_rain.html).

On February 28, total storage in major SWP reservoirs was about 3.2 MAF, compared with about 4.5 MAF at this time in 2000. The February 28 storage at Lake Oroville was about 1.84 MAF as compared to 2.77 MAF last year. This lower storage was due to dry conditions in January and February. The inflows into Lake Oroville ranged between 75 percent and 90 percent exceedence level. The State's share of San Luis Reservoir storage was about 748 TAF, as compared with 1.06 MAF at this time last year. On February 28, the combined storage in our southern reservoirs was about 633 TAF, compared with about 650 TAF at this time last year.

SWP allocation in February was 20 percent as compared to 70 percent at the same time last year. The lower allocation was attributed to dry hydrological conditions in January and February. Through February, SWP water deliveries for 2001 were about 238,600 AF. This is a combination of project, transfer, and exchange waters. This is 161,000 AF less than delivered during the same period in 2000.

The increased Delta inflows from the latter part of January abated quickly at the start of February. Significant precipitation and inflow assured compliance with all standards.

Perris Lake was drawn down in February for boat ramp construction. Consequently, the combined storage in our southern reservoirs was about 633TAF, 17 TAF lower than the southern storage this time last year.

Salvage at the fish facilities, mostly at the SWP, concerned agency biologist who frequently requested export curtailments as expenses against the EWA. Salvage of non-tagged winter-run size chinook salmon exceeded this season's yellow light level of concern of 3,702. Because of the dry January conditions the E/I for Feb. was 45 percent.

The Edmonston Pumping Plant East Wing outage was completed on February 19, 2001. During the outage, discharge valve seats and O-rings for Units 1, 3, 5, 7, 9, 11, and 13 were replaced.

SWP began taking water into the California Aqueduct at Pool 28 for the Kern Water Bank.

**Table 1. Antelope Lake**

Daily Operation  
(in acre-feet except as noted)

Capacity: 22,566 ac-ft

**February 2001**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs					Computed Inflow 1/	
				Regulated Release			Spill	Estimated Evaporation And Seepage 1/		
				Stream-flow Maint.	Water Supply Contract	Water Right				
Jan 31	4990.77	13,492								
1	4990.73	13,465	-27	20	0	0	0			
2	4990.72	13,458	-7	20	0	0	0			
3	4990.68	13,431	-27	20	0	0	0			
4	4990.63	13,397	-34	20	0	0	0			
5	4990.62	13,390	-7	20	0	0	0			
6	4990.63	13,397	7	12	0	0	0			
7	4990.65	13,410	13	5	0	0	0			
8	4990.66	13,417	7	5	0	0	0			
9	4990.70	13,444	27	5	0	0	0			
10	4990.74	13,472	28	5	0	0	0			
11	4990.80	13,513	41	5	0	0	0			
12	4990.81	13,520	7	5	0	0	0			
13	4990.82	13,527	7	5	0	0	0			
14	4990.82	13,527	0	5	0	0	0			
15	4990.84	13,540	13	5	0	0	0			
16	4990.85	13,547	7	5	0	0	0			
17	4990.86	13,554	7	5	0	0	0			
18	4990.89	13,575	21	5	0	0	0			
19	4990.91	13,588	13	5	0	0	0			
20	4990.92	13,595	7	5	0	0	0			
21	4990.96	13,623	28	5	0	0	0			
22	4991.01	13,657	34	5	0	0	0			
23	4991.02	13,664	7	5	0	0	0			
24	4991.04	13,678	14	5	0	0	0			
25	4991.05	13,685	7	5	0	0	0			
26	4991.09	13,713	28	5	0	0	0			
27	4991.11	13,726	13	5	0	0	0			
28	4991.12	13,733	7	5	0	0	0			
Total cfs-days				---	222	0	0	0	28	
Total ac-ft				241	440	0	0	0	55	
									495	
									736	

1/ Values not available on a daily basis.

**Table 2. Frenchman Lake**

Daily Operation  
(in acre-feet except as noted)

Capacity: 55,477 ac-ft

**February 2001**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs					Computed Inflow 1/	
				Regulated Release			Spill	Estimated Evaporation And Seepage 1/		
				Stream-flow Maint.	Water Supply Contract	Water Right				
Jan 31	5577.78	40,750								
1	5577.81	40,789	39	3	0	0	0			
2	5577.81	40,789	0	3	0	0	0			
3	5577.81	40,789	0	3	0	0	0			
4	5577.83	40,815	26	3	0	0	0			
5	5577.83	40,815	0	3	0	0	0			
6	5577.87	40,868	53	3	0	0	0			
7	5578.02	41,064	196	3	0	0	0			
8	5578.02	41,064	0	3	0	0	0			
9	5578.14	41,222	158	3	0	0	0			
10	5578.19	41,288	66	3	0	0	0			
11	5578.18	41,275	-13	3	0	0	0			
12	5578.20	41,301	26	3	0	0	0			
13	5578.01	41,051	-250	3	0	0	0			
14	5577.99	41,025	-26	3	0	0	0			
15	5577.98	41,012	-13	3	0	0	0			
16	5578.01	41,051	39	3	0	0	0			
17	5577.99	41,025	-26	3	0	0	0			
18	5577.98	41,012	-13	3	0	0	0			
19	5578.03	41,078	66	3	0	0	0			
20	5578.03	41,078	0	3	0	0	0			
21	5578.03	41,078	0	3	0	0	0			
22	5578.07	41,130	52	3	0	0	0			
23	5578.03	41,078	-52	3	0	0	0			
24	5578.12	41,196	118	3	0	0	0			
25	5578.07	41,130	-66	3	0	0	0			
26	5578.12	41,196	66	3	0	0	0			
27	5578.09	41,156	-40	3	0	0	0			
28	5578.13	41,209	53	3	0	0	0			
Total cfs-days				---	84	0	0	0	46	
Total ac-ft				459	167	0	0	0	92	
									259	
									718	

1/ Values not available on a daily basis.

**Table 3. Lake Davis**

Daily Operation  
(in acre-feet except as noted)

Capacity: 84,371 ac-ft

**February 2001**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs					Computed Inflow 1/	
				Regulated Release			Spill	Estimated Evaporation And Seepage 1/		
				Stream-flow Maint.	Water Supply Contract	Water Right				
Jan 31	5767.09	55,745								
1	5767.09	55,745	0	15	0	0	0			
2	5767.10	55,778	33	15	0	0	0			
3	5767.10	55,778	0	15	0	0	0			
4	5767.10	55,778	0	15	0	0	0			
5	5767.09	55,745	-33	15	0	0	0			
6	5767.09	55,745	0	15	0	0	0			
7	5767.09	55,745	0	15	0	0	0			
8	5767.07	55,681	-64	15	0	0	0			
9	5767.08	55,713	32	15	0	0	0			
10	5767.10	55,778	65	15	0	0	0			
11	5767.15	55,938	160	15	0	0	0			
12	5767.15	55,938	0	15	0	0	0			
13	5767.15	55,938	0	15	0	0	0			
14	5767.12	55,842	-96	15	0	0	0			
15	5767.12	55,842	0	15	0	0	0			
16	5737.13	55,874	32	15	0	0	0			
17	5767.12	55,842	-32	15	0	0	0			
18	5767.11	55,810	-32	15	0	0	0			
19	5767.11	55,810	0	15	0	0	0			
20	5767.11	55,810	0	15	0	0	0			
21	5767.12	55,842	32	15	0	0	0			
22	5767.15	55,938	96	15	0	0	0			
23	5767.15	55,938	0	15	0	0	0			
24	5767.15	55,938	0	15	0	0	0			
25	5767.15	55,938	0	15	0	0	0			
26	5767.16	55,970	32	15	0	0	0			
27	5767.16	55,970	0	15	0	0	0			
28	5767.14	55,906	-64	15	0	0	0			
Total cfs-days				---	420	0	0	113	533	
Total ac-ft				161	833	0	0	224	1,057	
1/ Values not available on a daily basis.										

**Table 4. Lake Oroville**

Daily Operation

(in acre-feet except as noted)

Capacity: 3,537, 580 ac-ft

**February 2001**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow					Inflow	
				Hyatt Powerplant Generation 1/	Palermo Canal	Evaporation 2/	Spill	Total Outflow	Hyatt Powerplant Pumpback	Computed Inflow 3/
Jan 31	756.32	1,737,247								
1	756.21	1,736,196	-1,051	5,991	0	41	0	6,032	0	4,981
2	756.15	1,735,622	-574	5,382	0	5	0	5,387	0	4,813
3	756.24	1,736,482	860	2,439	0	5	0	2,444	0	3,304
4	757.72	1,750,672	14,190	0	0	60	0	60	11,052	3,198
5	757.59	1,749,422	-1,250	4,874	0	60	0	4,934	795	2,889
6	757.49	1,748,461	-961	5,459	0	54	0	5,513	0	4,552
7	757.46	1,748,173	-288	3,924	0	43	0	3,967	0	3,679
8	757.54	1,748,941	768	2,822	0	82	0	2,904	0	3,672
9	757.80	1,751,441	2,500	4,166	0	49	0	4,215	0	6,715
10	757.91	1,752,499	1,058	3,674	0	38	0	3,712	0	4,770
11	758.57	1,758,858	6,359	1,580	0	33	0	1,613	0	7,972
12	758.63	1,759,437	579	4,635	0	16	0	4,651	0	5,230
13	758.54	1,758,569	-868	6,557	0	55	0	6,612	0	5,744
14	758.48	1,757,990	-579	4,990	0	104	0	5,094	0	4,515
15	758.31	1,756,351	-1,639	6,619	0	65	0	6,684	0	5,045
16	757.93	1,752,692	-3,659	7,918	0	38	0	7,956	0	4,297
17	758.09	1,754,232	1,540	2,466	0	65	0	2,531	282	3,789
18	759.67	1,769,493	15,261	0	0	0	0	0	10,237	5,024
19	760.17	1,774,337	4,844	3,297	0	0	0	3,297	23	8,118
20	761.03	1,782,690	8,353	3,388	0	22	0	3,410	0	11,763
21	762.64	1,798,404	15,714	2,034	0	16	0	2,050	0	17,764
22	763.70	1,808,803	10,399	3,311	0	22	0	3,333	0	13,732
23	764.25	1,814,216	5,413	4,025	0	39	0	4,064	0	9,477
24	764.76	1,819,246	5,030	4,058	0	39	0	4,097	391	8,736
25	766.53	1,836,781	17,535	0	0	0	0	0	9,157	8,378
26	766.79	1,839,367	2,586	6,579	0	45	0	6,624	1,887	7,323
27	767.00	1,841,458	2,091	5,146	0	130	0	5,276	0	7,367
28	767.07	1,842,155	697	5,205	0	124	0	5,329	0	6,026
Total		104,908	110,539	0	1,250	0	0	111,789	33,824	182,873

1/ Includes bypass flows

2/ Evaporation will be zero for days when there is precipitation or heavy overcast.

3/ Does not include pumpback.

**Table 5. Thermalito Forebay  
Including Diversion Pool and Power Canal**

Capacity: 25,120 ac-ft

Daily Operation  
(in acre-feet except as noted)

**February 2001**

Date	Storage 1/	Storage Change	Inflow			Outflow					Losses (-) And Gains (+)
			Lake Oroville Releases 2/	Kelly Ridge Generation	Thermalito Pumping- Generating Plant Pumpback	Thermalito Pumping- Generating Plant Generation 3/	Butte County	Thermalito Irrigation District	Releases To River 4/	Hyatt Powerplant Pumpback	
Jan 31	23,629										
1	23,398	-231	5,991	0	0	5,099	4	3	1,249	0	133
2	23,951	553	5,382	0	0	3,708	4	3	1,249	0	135
3	24,387	436	2,439	0	0	744	5	4	1,249	0	-1
4	23,359	-1,028	0	0	11,052	0	5	4	1,247	11,052	228
5	23,471	112	4,874	0	1,031	3,936	5	4	1,249	795	196
6	23,681	210	5,459	0	0	4,089	5	4	1,251	0	100
7	23,457	-224	3,924	0	0	2,957	5	4	1,249	0	67
8	24,118	661	2,822	0	0	993	0	4	1,247	0	83
9	23,719	-399	4,166	0	0	3,815	0	4	1,265	0	519
10	24,220	501	3,674	105	0	2,460	0	4	1,265	0	451
11	23,939	-281	1,580	0	0	1,497	0	4	1,275	0	915
12	23,670	-269	4,635	317	0	4,458	0	4	1,261	0	502
13	23,712	42	6,557	427	0	5,833	2	4	1,249	0	146
14	23,973	261	4,990	473	0	4,034	2	4	1,249	0	87
15	23,273	-700	6,619	493	0	6,721	2	4	1,251	0	166
16	23,247	-26	7,918	485	0	7,314	2	4	1,251	0	142
17	22,807	-440	2,466	483	563	2,418	2	4	1,253	282	7
18	24,616	1,809	0	488	12,460	0	2	4	1,253	10,237	357
19	23,720	-896	3,297	442	0	3,650	2	2	1,259	23	301
20	23,238	-482	3,388	307	0	3,505	2	2	1,273	0	605
21	23,407	169	2,034	498	0	1,759	2	3	1,275	0	676
22	23,905	498	3,311	506	0	2,388	2	3	1,271	0	345
23	23,631	-274	4,025	508	0	3,827	2	3	1,265	0	290
24	23,540	-91	4,058	506	505	3,888	2	3	1,279	391	403
25	23,505	-35	0	506	9,534	0	2	3	1,263	9,157	350
26	23,530	25	6,579	502	2,586	6,749	1	0	1,261	1,887	256
27	23,675	145	5,146	512	0	4,374	1	0	1,263	0	125
28	23,839	164	5,205	502	13	4,424	1	0	1,259	0	128
Total		210	110,539	8,060	37,744	94,640	62	89	35,230	33,824	7,712

1/ Sum of Thermalito Forebay and Diversion Pool.

2/ Sum of releases from Lake Oroville through Hyatt plant, spill, and spillway leakage.

3/ Includes Bypass flows at Thermalito.

4/ The sum of the flows from fish barrier dam and the fish hatchery.

**Table 6. Thermalito Afterbay**

Daily Operation

(in acre-feet except as noted)

Capacity: 57,040 ac-ft

**February 2001**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow					Losses (-) and Gains (+)	Total Releases to River 2/
				Thermalito Pumping-Generating Plant Generation 1/	Sutter Butte Canal	Western Canal Lateral	Richvale Canal	Western Canal	Afterbay River Outlet	Thermalito Pumping-Generating Plant Pumpback		
Jan 31	128.31	26,767										
1	129.27	29,769	3,002	5,099	0	0	0	0	2,005	0	-92	3,254
2	129.76	31,358	1,589	3,708	0	0	0	0	2,005	0	-114	3,254
3	129.35	30,025	-1,333	744	0	0	0	0	2,005	0	-72	3,254
4	124.82	17,132	-12,893	0	0	0	0	0	2,003	11,052	162	3,250
5	125.09	17,808	676	3,936	0	0	0	0	2,003	1,031	-226	3,252
6	125.76	19,535	1,727	4,089	0	0	0	0	2,003	0	-359	3,254
7	126.11	20,466	931	2,957	0	0	0	0	2,003	0	-23	3,252
8	125.78	19,588	-878	993	0	0	0	0	2,003	0	132	3,250
9	126.51	21,552	1,964	3,815	0	0	0	0	2,003	0	152	3,268
10	126.82	22,411	859	2,460	0	0	0	0	2,003	0	402	3,268
11	126.76	22,244	-167	1,497	0	0	0	0	2,003	0	339	3,278
12	127.53	24,441	2,197	4,458	0	0	0	0	2,003	0	-258	3,264
13	128.76	28,155	3,714	5,833	0	0	0	0	2,003	0	-116	3,252
14	129.41	30,219	2,064	4,034	0	0	0	0	2,003	0	33	3,252
15	130.75	34,690	4,471	6,721	0	0	0	0	2,003	0	-247	3,254
16	132.17	39,741	5,051	7,314	0	0	0	0	2,023	0	-240	3,274
17	132.14	39,631	-110	2,418	0	0	0	0	2,023	563	58	3,276
18	127.81	25,264	-14,367	0	0	0	0	0	2,003	12,460	96	3,256
19	128.37	26,951	1,687	3,650	0	0	0	0	2,003	0	40	3,262
20	128.87	28,500	1,549	3,505	0	0	0	0	2,003	0	47	3,276
21	128.89	28,563	63	1,759	0	0	0	0	2,003	0	307	3,278
22	128.96	28,783	220	2,388	0	0	0	0	2,003	0	-165	3,274
23	129.54	30,640	1,857	3,827	0	0	0	0	2,023	0	53	3,288
24	130.05	32,318	1,678	3,888	0	0	0	0	2,003	505	298	3,282
25	126.28	20,924	-11,394	0	0	0	0	0	2,003	9,534	143	3,266
26	126.95	22,777	1,853	6,749	0	0	0	0	2,003	2,586	-307	3,264
27	127.79	25,205	2,428	4,374	0	0	0	0	2,003	0	57	3,266
28	128.47	27,257	2,052	4,424	0	0	0	0	2,003	13	-356	3,262
Total		490		94,640	0	0	0	0	56,150	37,744	-256	91,380

1/ Includes Bypass flows at Thermalito.

2/ The sum of the flows from the fish barrier dam, fish hatchery, and afterbay river outlet.

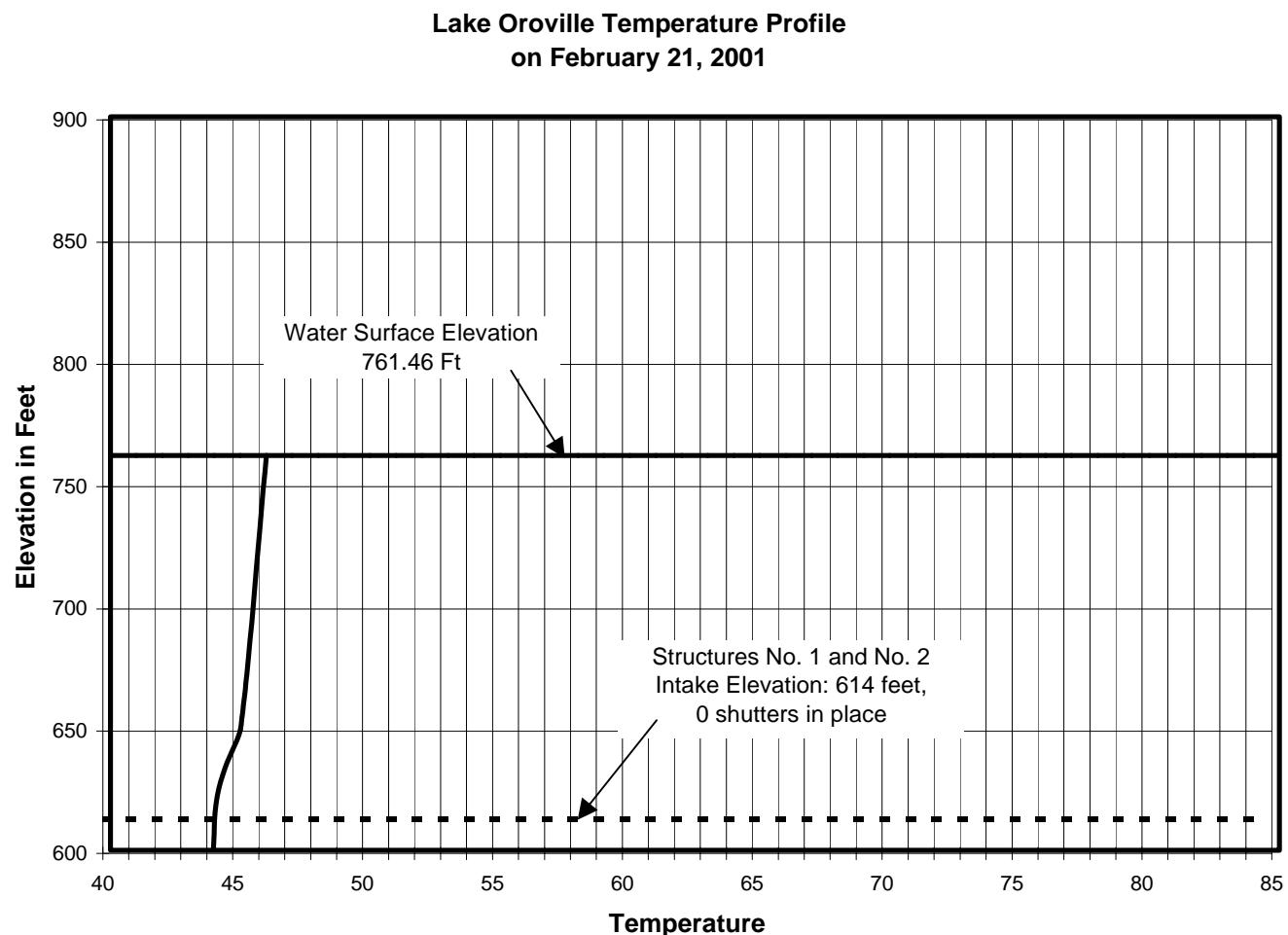
**Table 7. Oroville-Thermalito Complex**

## Water Temperature Data

(in degrees Fahrenheit)

February 2001

Date	Mean Daily Temperature	
	Thermalito Afterbay Outlet	Fish Hatchery
1	45	47
2	45	47
3	45	47
4	46	48
5	48	48
6	48	48
7	48	48
8	46	47
9	45	46
10	45	46
11	44	46
12	44	46
13	44	46
14	44	46
15	44	46
16	44	46
17	45	46
18	45	46
19	46	47
20	46	47
21	46	47
22	47	47
23	47	47
24	47	47
25	48	48
26	48	48
27	49	47
28	48	47



Note: Water surface elevations on Table 4 are taken at Oroville Dam at midnight and may differ slightly from those shown on this table which are normally taken at mid-day and upstream from Oroville Dam.

**Table 8. North Bay Aqueduct**  
Delta Field Division, Monthly Deliveries

(In acre-feet)

**February 2001**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries				
	Beginning and Ending					Extended Carryover		Ex-change		
	No.	Structure	Mile			M & I	Benicia			
1	1	Barker Slough Pumping Plant	0.17	(Into the North Bay Aqueduct)	2,189	143	575	606		
		Travis Surge Tank	8.78							
			8.80	Solano County Water Agency Travis Turnout	143					
			10.54	Solano County Water Agency Fairfield / Vacaville 24"	0					
				Solano County Water Agency Fairfield / Vacaville 42"	0					
			17.00	Solano County Water Agency Central Solano	Stub					
		Cordelia Forebay	21.23							
3A	2	Cordelia Pumping Plant & Cordelia Spillway	21.30		1,984	575	697	106		
			21.33	Solano County Water Agency Vallejo	575					
				Solano County Water Agency Benicia	606					
		Cordelia Surge Tank	23.33	Napa Pipeline						
		Creston Surge Tank Connection	25.65	Napa Pipeline						
			26.95	Napa County Flood Control & WCD American Canyon 2	0					
			27.27	Napa County Flood Control & WCD American Canyon 3	0					
3B		Napa Terminal Tank	27.58	City of Napa	697	575	606	106		
			27.60	Napa County Flood Control & WCD American Canyon 1	106					

**Table 9. Delta Field Division Plant Data**

(in acre-feet)

**February 2001**

Date	North Bay Aqueduct		California Aqueduct		South Bay Aqueduct			
	Barker Slough Pumping Plant	Cordelia Pumping Plant	Banks Pumping Plant		South Bay Pumping Plant	Del Valle Pumping Plant		
			Total	SWP		Into Lake	Into Aqueduct	Gravity Flow Through Plant Into Aqueduct
1	57	52	9,994	9,994	176	54	0	0
2	62	59	10,083	10,083	200	98	0	0
3	63	59	9,855	9,855	198	99	0	0
4	71	65	10,055	10,055	210	98	0	0
5	88	80	10,118	10,118	229	99	0	0
6	104	96	10,783	10,783	289	97	0	0
7	124	114	10,065	10,065	326	97	0	0
8	128	122	9,593	9,593	371	94	0	0
9	101	93	8,850	8,850	389	102	0	0
10	84	73	10,045	10,045	350	99	0	0
11	84	77	5,984	5,984	350	101	0	0
12	96	83	8,299	8,299	352	103	0	0
13	84	78	9,479	9,479	300	67	0	0
14	75	67	8,112	8,112	211	0	0	0
15	98	85	10,802	10,802	202	0	0	0
16	74	67	8,850	8,850	204	0	0	0
17	71	63	7,114	7,114	208	0	0	0
18	71	63	7,307	7,307	194	0	0	0
19	68	60	7,537	7,537	206	0	0	0
20	72	64	7,368	7,368	193	0	0	0
21	71	63	7,134	7,134	200	0	0	0
22	64	57	7,155	7,155	181	0	0	0
23	76	68	7,152	7,152	181	0	0	0
24	67	60	14,267	14,267	171	0	0	0
25	46	42	13,902	13,902	178	0	0	0
26	74	68	14,293	14,293	180	0	0	0
27	71	63	8,247	8,247	145	0	0	0
28	45	43	8,410	8,410	207	0	0	0
Total	2,189	1,984	260,853	260,853	6,601	1,209	0	0

**Table 10. Clifton Court Forebay**

Daily Operation of Gates

**February 2001**

Date	Time								Amount of inflow in Acre-Feet
	Opened	Closed	Opened	Closed	Opened	Closed	Opened	Closed	
1	0:01	9:03	12:30	17:57	21:46	---			9,908
2	---	10:02	13:20	18:03	22:50	---			9,911
3	---	11:11	14:11	17:48					9,898
4	0:01	12:20	15:07	18:10					9,905
5	0:44	13:23	16:02	17:39					9,903
6	1:37	14:19	17:00	17:35	20:12	21:10			10,761
7	2:23	14:35							9,915
8	3:08	11:30	13:00	16:02	19:13	---			9,915
9	---	0:54	3:54	7:45	10:20	16:54	20:30	---	8,915
10	---	1:37	4:37	13:10	15:53	17:48			9,916
11	0:01	2:21	9:50	16:05	23:30	---			5,941
12	---	3:03	10:23	16:00	17:30	20:30			7,934
13	0:01	3:49	11:08	16:53	20:00	---			9,307
14	---	8:41	11:53	14:13	23:30	---			8,907
15	---	9:40	12:44	17:10	23:30	---			10,888
16	---	10:49							7,303
17	0:01	10:15							7,329
18	0:23	8:20							7,328
19	1:25	8:45							7,322
20	1:51	8:17							7,325
21	2:27	9:50							7,328
22	2:59	9:35							7,327
23	0:01	0:28	3:28	12:00					7,323
24	0:01	0:56	3:56	17:02	19:29	---			15,664
25	---	1:25	8:44	23:00					15,667
26	0:01	1:30	9:09	---					15,371
27	---	1:35	9:37	21:00					7,924
28	0:01	9:31	10:15	13:45	21:00	---			7,806
Total inflow for the month in AF:									262,941

**Table 11. Governor Edmund G. Brown California Aqueduct**  
 Delta Field Division, Monthly Deliveries

(In acre-feet)						February 2001						
Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries							
	Beginning and Ending				Entitle-ment	USBR	Misc.	Loan Water	Extended Carryover Ent.			
	No.	Structure	Mile									
1	Banks Pumping Plant	3.32		260,853								
2A	1	South Bay Pumping Plant	4.49	Bethany Reservoir Inlet	6,601							
		Check No. 1	5.95									
	2	Check No. 2	12.01									
	3		12.47	Musco Olive	43							
		Check No. 3	18.29									
	4		22.16	Tracy Golf & Country Club	6							
		Check No. 4	23.99									
	5	Check No. 5	29.73									
	6	Check No. 6	34.24									
	7		35.22	Turlock Fruit Company Inflow	0							
		Check No. 7	39.91									
2B	8		42.46	Oak Flat Water District-A	0							
			43.81	Oak Flat Water District-B	0							
			44.64	Oak Flat Water District-C	9							
		Check No. 8	45.97									
	9		46.18	Oak Flat Water District-D	0							
				Oak Flat Totals:	9	0	0	0	0	9		
		Check No. 9	51.30									
	10	Check No. 10	56.86									
	11	Check No. 11	61.40									
	12		66.14	Veteran's Cemetery	1							
		Check No. 12	66.71		243,023							

**Table 12. South Bay Aqueduct**  
Delta Field Division, Monthly Deliveries

(In acre-feet)

**February 2001**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries				
	Beginning and Ending		Entitlement			Extended Carryover Entitlement	Local	Recreation		
	No.	Structure	Mile							
1	1	South Bay Pumping Plant	0.00	(into South Bay Aqueduct)	6,601		1			
			3.17		0					
			3.18		1					
		Check No. 1	3.91							
2	2	Check No. 2	5.21				710			
			7.21		Zone 7 Altamont					
		Check No. 3	9.49		Zone 7 Patterson Inflow Exchange	710				
4	4				Zone 7 Patterson Project Water	0				
	Check No. 4	10.68				1	1			
	Check No. 5	12.29								
	6	13.55		Zone 7 Wente #1	1					
		14.16		Zone 7 Wente #2	0					
		14.65								
	7	14.78		Zone 7 Arroyo Mocho	0					
		16.38								
	8	16.57		Zone 7 Wente #3	0	53	4			
		16.69		Zone 7 Norman Nursery	0					
		16.70		Zone 7 Concannon Project Water	0					
5	5	Del Valle Branch Pipeline Junction	18.63		(Pumped into Lake Del Valle)	1,209	2	34		
					(Flow into South Bay Aqueduct)	0				
		Deliveries through Del Valle Branch Pipeline			Arroyo Valle #1 & #2 Project Water	0				
					Arroyo Valle #1 & #2 Inflow Exchange	53				
					Lake Del Valle Recreation	4				
6	6	19.20			Zone 7 Wente #5 Inflow Exchange	2	1			
					So. Livermore Project	0				
					So. Livermore Inflow Exchange	34				
7	7	22.50			So. Livermore Stored Exchanged	0	1			
					Zone 7 - Kalthrof Detjens Inflow Exchange	1				
					ACWD Vallecitos Project Water	0				
8	8	25.97			City of San Francisco San Antonio	0	1,412			
					ACWD - Bayside 1 & 2 Project Water: Inflow Released	0				
9	9	28.97			Stored Exchange:	0	3,168			
					S.C.V.W.D. Meter	3,168				

**Table 13. Lake Del Valle**

Daily Operation

(in acre-feet except as noted)

February 2001

Capacity: 77,106 ac-ft

Date	Water Surface Elevation (feet)	Storage	Storage Change	Inflow		Outflow					Precipitation (inches)
				Natural 1/	From South Bay Aqueduct	Arroyo Valle	South Bay Aqueduct	Recreation Deliveries 2/	Evaporation	Total Outflow	
Jan 31	679.39	25,472									
1	679.51	25,533	61	10	54	0	0	0	3	3	0.00
2	679.71	25,635	102	4	98	0	0	0	1	1	0.00
3	679.91	25,738	103	8	99	0	0	0	4	4	0.00
4	680.13	25,850	112	17	98	0	0	0	3	3	0.00
5	680.33	25,953	103	7	99	0	0	0	3	3	0.00
6	680.54	26,062	109	14	97	0	0	0	2	2	0.00
7	680.73	26,161	99	5	97	0	0	0	3	3	0.00
8	680.91	26,254	93	3	94	0	0	0	5	5	0.00
9	681.21	26,411	157	55	102	0	0	0	0	0	0.00
10	681.46	26,543	132	36	99	0	0	0	3	3	0.72
11	681.87	26,760	217	121	101	0	0	0	5	5	0.38
12	682.31	26,995	235	132	103	0	0	0	1	1	0.17
13	682.58	27,139	144	79	67	0	0	0	2	2	0.03
14	682.68	27,193	54	55	0	0	0	0	1	1	0.00
15	682.78	27,247	54	56	0	0	0	0	2	2	0.00
16	682.87	27,296	49	51	0	0	0	0	2	2	0.00
17	682.97	27,350	54	56	0	0	0	0	2	2	0.00
18	683.07	27,404	54	54	0	0	0	0	0	0	0.04
19	683.29	27,524	120	122	0	0	0	0	2	2	0.20
20	683.69	27,742	218	220	0	0	0	0	2	2	0.24
21	683.94	27,880	138	141	0	0	0	0	3	3	0.06
22	684.26	28,056	176	179	0	0	0	0	3	3	0.42
23	685.02	28,480	424	425	0	0	0	0	1	1	0.29
24	686.15	29,119	639	641	0	0	0	0	2	2	0.30
25	687.29	29,776	657	660	0	0	0	1	2	3	0.05
26	688.33	30,384	608	610	0	0	0	1	1	2	0.00
27	688.65	30,574	190	194	0	0	0	1	3	4	0.00
28	688.87	30,704	130	137	0	0	0	1	6	7	0.00
Total				5,232	4,094	1,209	0	0	4	67	71
2.90											

1/ Total inflow from stream gaging station above Lang Canyon and accretions/depletions.

2/ To East Bay Regional Park District.

NR=No Records

**Table 14. Consolidated State-Federal O'Neill Forebay**

Daily Operations

February 2001

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elevation (in feet)	Storage (ac-ft)	Storage Change	Inflow (cfs)				Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)	
				Pump In 1/	O'Neill Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	California Aqueduct	O'Neill Pumping Generating Plant (Generation)	Gianelli Pumping Generating Plant (Pumped)	Dos Amigos Pumping Plant	Deliveries 2/		
Jan 31	219.69	42,351											
1	219.99	43,126	775	0	1,788	0	4,616	0	2,244	4,149	1	381	
2	220.39	44,166	1,040	0	1,792	0	4,901	0	2,536	3,932	1	300	
3	220.28	43,879	-287	0	1,814	0	4,783	0	2,530	4,470	1	259	
4	218.62	39,624	-4,255	0	1,826	0	4,971	0	5,137	4,333	1	529	
5	219.31	41,375	1,751	0	1,735	0	4,758	0	2,796	3,374	2	562	
6	219.36	41,503	128	0	1,543	0	4,674	0	3,979	2,613	1	441	
7	219.66	42,273	770	0	1,410	0	4,686	0	3,564	2,536	1	393	
8	220.04	43,256	983	0	1,662	0	4,275	0	2,336	3,375	2	272	
9	221.26	46,442	3,186	0	2,354	0	4,136	0	2,717	2,597	2	432	
10	222.27	49,102	2,660	0	2,513	0	4,751	0	3,631	2,718	2	428	
11	220.16	43,567	-5,535	0	2,478	0	2,638	0	4,322	3,813	2	230	
12	221.03	45,839	2,272	0	2,391	0	4,034	0	3,075	2,461	2	258	
13	222.87	50,699	4,860	0	2,462	0	4,461	0	2,652	2,199	3	381	
14	223.44	52,223	1,524	0	2,013	0	3,764	0	2,802	2,350	4	147	
15	222.38	49,394	-2,829	0	1,615	0	5,188	0	6,964	1,772	8	515	
16	221.71	47,625	-1,769	0	1,512	0	4,628	0	5,246	2,272	9	495	
17	221.03	45,839	-1,786	0	1,477	0	3,361	0	3,887	2,274	7	430	
18	220.03	43,230	-2,609	0	1,466	0	3,355	0	3,304	3,220	9	397	
19	219.86	42,790	-440	0	1,630	0	3,917	0	3,658	2,469	11	369	
20	219.23	41,170	-1,620	0	1,671	0	3,368	0	3,660	2,730	13	547	
21	218.91	40,356	-814	0	1,519	0	3,217	0	3,147	2,437	12	450	
22	219.18	41,042	686	0	1,280	0	2,997	0	2,143	2,223	11	446	
23	219.49	41,836	794	0	1,804	0	3,088	0	2,780	2,213	12	513	
24	221.19	46,259	4,423	0	2,470	0	6,580	0	5,275	1,658	16	129	
25	221.00	45,760	-499	0	2,561	0	6,498	0	7,385	2,147	16	237	
26	222.03	48,464	2,704	0	2,548	0	7,118	0	7,300	1,494	37	528	
27	222.86	50,673	2,209	0	2,525	0	4,186	0	4,884	1,269	12	568	
28	221.54	47,178	-3,495	0	2,380	0	3,573	0	7,230	952	8	475	
Total				4,827	0	54,239	0	122,522	0	111,184	74,050	206	11,113
Mean cfs				---	0	1,937	0	4,376	0	3,971	2,645	7	397
Acre-feet				4,827	0	107,583	0	243,023	0	220,533	146,883	408	22,045

1/ Pump-in located at Mile 79.67R.

2/ Includes 52 AF delivered to DFG at O'Neill Forebay.

**Table 15. Consolidated State-Federal San Luis Reservoir**

Daily Operations

**February 2001**

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity: 2,027,835 ac-ft

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)	Outflow (cfs)			Computed Losses (-) Gains (+) (cfs)
				Gianelli Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	Pacheco Tunnel 1/	Parks and Rec. Del.	
Jan 31	507.62	1,595,959						
1	507.92	1,599,469	3,510	2,244	0	235	0	-239
2	508.29	1,603,802	4,333	2,536	0	246	0	-105
3	508.65	1,608,022	4,220	2,530	0	242	0	-160
4	509.41	1,616,944	8,922	5,137	0	256	0	-383
5	509.83	1,621,881	4,937	2,796	0	256	0	-51
6	510.41	1,628,708	6,827	3,979	0	198	0	-339
7	510.93	1,634,837	6,129	3,564	0	155	0	-319
8	511.26	1,638,731	3,894	2,336	0	157	0	-216
9	511.67	1,643,573	4,842	2,717	0	140	0	-136
10	512.23	1,650,194	6,621	3,631	0	133	0	-160
11	512.92	1,658,365	8,171	4,322	0	129	0	-74
12	513.37	1,663,701	5,336	3,075	0	126	0	-259
13	513.77	1,668,450	4,749	2,652	0	123	0	-135
14	514.17	1,673,203	4,753	2,802	0	136	0	-270
15	515.25	1,686,059	12,856	6,964	0	137	0	-346
16	516.07	1,695,843	9,784	5,246	0	136	0	-177
17	516.62	1,702,417	6,574	3,887	0	147	0	-426
18	517.12	1,708,400	5,983	3,304	0	155	0	-133
19	517.71	1,715,470	7,070	3,658	0	146	0	52
20	518.26	1,722,069	6,599	3,660	0	143	0	-190
21	518.71	1,727,475	5,406	3,147	0	130	0	-292
22	519.03	1,731,323	3,848	2,143	0	105	0	-98
23	519.49	1,736,859	5,536	2,780	0	125	0	136
24	520.40	1,747,830	10,971	5,275	0	116	0	372
25	521.55	1,761,727	13,897	7,385	0	115	0	-264
26	522.67	1,775,299	13,572	7,300	0	122	0	-336
27	523.39	1,784,043	8,744	4,884	0	132	0	-344
28	524.47	1,797,186	13,143	7,230	0	254	0	-350
Total			201,227	111,184	0	4,495	0	-5,242
Mean cfs			---	3,971	0	161	0	-187
Acre-feet			201,227	220,533	0	8,912	0	-10,394

1/ Pacheco Tunnel, San Felipe Split; Santa Clara: 8,663 AF, San Benito: 249 AF.

**Table 16. San Luis Field Division Plant Data**

(in acre-feet)

**February 2001**

Date	Dos Amigos Pumping Plant		Gianelli Pumping - Generating Plant				San Felipe Project
	Total Pumping	SWP Pumping 1/ 2/	Total Generation	SWP Generation 1/ 2/	Total Pumping	SWP Pumping 1/ 2/	Federal
1	8,230	4,533	0	0	4,450	4,450	466
2	7,799	4,683	0	0	5,031	5,031	488
3	8,866	5,782	0	0	5,018	4,745	480
4	8,594	5,596	0	0	10,190	6,916	508
5	6,693	3,659	0	0	5,546	4,629	507
6	5,183	2,194	0	0	7,892	7,892	392
7	5,030	2,056	0	0	7,069	7,069	307
8	6,695	3,641	0	0	4,633	4,633	311
9	5,152	2,004	0	0	5,389	5,389	277
10	5,392	2,221	0	0	7,203	3,089	264
11	7,564	4,579	0	0	8,572	4,806	256
12	4,881	1,595	0	0	6,099	5,019	250
13	4,362	1,194	0	0	5,260	5,260	243
14	4,661	1,280	0	0	5,558	5,558	269
15	3,515	299	0	0	13,814	13,814	272
16	4,506	1,054	0	0	10,405	10,405	270
17	4,511	1,051	0	0	7,709	6,767	292
18	6,387	3,058	0	0	6,554	6,554	308
19	4,897	1,433	0	0	7,256	7,256	289
20	5,415	1,957	0	0	7,260	7,260	283
21	4,833	1,396	0	0	6,243	6,243	257
22	4,410	1,181	0	0	4,250	4,250	208
23	4,390	1,194	0	0	5,514	5,514	247
24	3,289	128	0	0	10,462	10,462	231
25	4,258	998	0	0	14,648	8,887	228
26	2,964	-56	0	0	14,480	14,480	242
27	2,518	237	0	0	9,687	9,687	262
28	1,888	247	0	0	14,341	10,604	505
Total	146,883	59,194	0	0	220,533	196,669	8,912

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

2/ Provisional, subject to change.

**Table 17. Consolidated State-Federal Los Banos Reservoir**  
**Daily Operations**  
**February 2001**

United States  
 Department of the Interior  
 Bureau of Reclamation  
 Central Valley Project

State of California  
 The Resources Agency  
 Department of Water Resources  
 State Water Project

Capacity: 34,560 ac-ft

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Jan 31	324.45	19,035					
1	324.44	19,031	-4	0	0	0	-4
2	324.45	19,035	4	2	0	0	0
3	324.46	19,040	5	3	0	0	-1
4	324.46	19,040	0	0	0	0	0
5	324.47	19,044	4	2	0	0	0
6	324.45	19,035	-9	0	0	0	-9
7	324.44	19,031	-4	0	0	0	-4
8	324.43	19,026	-5	0	0	0	-5
9	324.43	19,026	0	0	0	0	0
10	324.44	19,031	5	3	0	0	0
11	324.63	19,116	85	43	0	0	0
12	324.88	19,229	113	57	0	0	0
13	324.97	19,270	41	21	0	0	-1
14	325.02	19,293	23	12	0	0	-1
15	325.06	19,311	18	9	0	1	2
16	325.08	19,320	9	5	0	0	-2
17	325.11	19,334	14	7	0	0	0
18	325.14	19,347	13	7	0	0	-2
19	325.18	19,365	18	9	0	0	0
20	325.30	19,420	55	28	0	0	-1
21	325.37	19,452	32	16	0	0	0
22	325.44	19,484	32	16	0	0	0
23	325.65	19,580	96	48	0	0	1
24	326.02	19,749	169	85	0	0	0
25	326.33	19,892	143	72	0	0	0
26	326.48	19,961	69	35	0	0	0
27	326.58	20,007	46	23	0	0	0
28	326.64	20,035	28	14	0	0	0
Total			1,000	517	0	1	-27
Mean cfs			---	17	0	0	---
Acre-feet			1,000	1,025	0	2	-27

**Table 18. Consolidated State-Federal Little Panoche Reservoir**

Daily Operations

**February 2001**

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity: 5,580 ac-ft

Date	Water Surface Elev. (in feet)	Storage (ac-ft) 1/	Storage Change (ac-ft) 1/	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft) 1/
					Spill	Outlet	
Jan 31	602.60	826					
1	Not Observed			2	0	2	
2	602.60	826	0	2	0	2	
3	Not Observed			2	0	2	
4	Not Observed			2	0	2	
5	Not Observed			2	0	2	
6	Not Observed			2	0	2	
7	Not Observed			2	0	2	
8	Not Observed			2	0	2	
9	602.60	826	0	2	0	2	
10	Not Observed			2	0	2	
11	602.60	826	0	2	0	2	
12	602.65	829	3	4	0	2	
13	Not Observed			2	0	2	
14	Not Observed			2	0	2	
15	Not Observed			2	0	2	
16	602.65	829	0	2	0	2	
17	Not Observed			2	0	2	
18	602.65	829	0	2	0	2	
19	602.65	829	0	2	0	2	
20	Not Observed			2	0	2	
21	Not Observed			2	0	2	
22	Not Observed			2	0	2	
23	602.65	829	0	2	0	2	
24	Not Observed			2	0	2	
25	Not Observed			2	0	2	
26	602.65	829	0	2	0	2	
27	Not Observed			2	0	2	
28	602.65	829	0	0	0	2	
Total			3	56	0	56	---
Mean cfs			---	2	0	2	---
Acre-feet			3	111	0	111	3

1/ Not available on a daily basis

**Table 19a. Governor Edmund G. Brown California Aqueduct**  
San Luis Field Division, Monthly Deliveries

(In acre-feet)

**February 2001**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending					USBR	Transfer	DWR Recreation	USBR Recreation		
	No.	Structure	Mile								
2B	12	Check No. 12	66.71					243,023			
3	13	O'Neill Forebay and San Luis Reservoir Outlet Check No. 13	70.85	Department of Parks and Recreation		356	29	23			
				Department of Fish & Game	52						
			70.91								
			Thru	San Luis Water District	356						
			85.08	(Floodwater Inflow)	0	356	0	29	23		
				Reach 3 Subtotal:	408						
		Dos Amigos Pumping Plant	86.73		146,883						
4	14		89.03			3,714	3,714				
			Thru	San Luis Water District	3,714						
			94.06								
			89.66								
			Thru	Pacheco Water District	785						
			89.67								
			89.68	Panoche Water District	4	4	61				
			89.70	City of Dos Palos	61						
		Check No. 14	95.06								
			98.15								
4	15		Thru	San Luis Water District	855	855	5,909				
			104.20								
			96.15								
			Thru	Panoche Water District	5,909						
			102.64	(Floodwater Inflow)	0						
			102.64	Broadview Water District	0						
			105.22								
			Thru	Westlands Water District	6,669	6,669					
			108.64								
		Check No.15	108.50								
				Pacheco Water District Total:	785						
				Broadview Water District Total:	0	785	0	0	0		
				City of Dos Palos Total:	61	0	0	0	0		
				SLWD Reach 4 Subtotal:	4,569	61	0	0	0		
				Panoche Water District Total:	5,913	4,569	0	0	0		
				SLWD Total:	4,925	5,913	0	0	0		
				Westlands WD Reach 4 Subtotal:	6,669	4,925	0	0	0		
						6,669	0	0	0		

**Table 19b. Governor Edmund G. Brown California Aqueduct**

San Luis Field Division, Monthly Deliveries (Continued)

(In acre-feet)

**February 2001**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries							
	Beginning and Ending					USBR	Transfer	DWR Recreation	USBR Recreation				
	No.	Structure	Mile										
5	16		110.52	(Reverse flow, Kings River)	0	9,769	13,768	8,061	7,166				
			Thru	Westlands Water District	9,769								
			122.05	Department of Fish and Game	1								
		Check No. 16	122.07										
	17		124.18	Westlands Water District	13,768								
			132.74										
		Check No. 17	132.95										
	18		133.81	Westlands Water District	8,061								
			Thru										
			142.61										
		Pleasant Valley Pumping Plant	143.16	Westlands Water District	7,166								
			143.16	City of Coalinga	203								
6	19		Check No. 18	143.23									
				Westlands WD Reach 5 Subtotal:	38,764	38,764	0	0	0				
			145.26	Westlands Water District	11,986	11,986	0	0	0				
			Thru										
		Check No. 19	151.19										
			155.64		Westlands WD Reach 6 Subtotal:	11,986	11,986	0	0				
7	20		156.34	City of Huron	44	44	7,209	129	1,049				
			156.40	Westlands Water District	7,209								
			Thru										
			163.69										
		Check No. 20	164.69										
	21		164.79	City of Avenal	129								
			167.04	Westlands Water District	1,049								
			Thru										
		Check No. 21	171.67										
			172.40		67,607								
			Reach 7 Total:	8,431	8,431	8,431	0	0	0				
			Westlands WD Total:	65,677	65,677	65,677	0	0	0				
			City of Coalinga Total:	203	203	203	0	0	0				
			City of Huron Total:	44	44	44	0	0	0				
			City of Avenal Total:	129	129	129	0	0	0				
			Phase I Water Total:	0	0	0	0	0	0				
			Total San Luis Field Division Deliveries:	77,790	77,737	77,737	0	29	24				

**Table 20. Consolidated State-Federal San Luis Canal 1/**

Daily Operations  
February 2001

United States  
Department of the Interior  
Bureau of Reclamation  
Central Valley Project

State of California  
The Resources Agency  
Department of Water Resources  
State Water Project

Date	Storage In Canal (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
			Non- Project 2/	Dos Amigos Pumping Plant	Pools 14 & 15 3/	Pool 15	Pools 15 thru 21 4/	Flow Past Check 21	
Jan 31	26,760								
1	26,941	181	0	4,149	112	159	1,570	2,135	-82
2	26,831	-110	0	3,932	102	159	1,572	2,118	-36
3	27,912	1,081	0	4,470	123	146	1,436	2,043	-177
4	27,451	-461	0	4,333	128	138	1,391	2,879	-30
5	27,560	109	0	3,374	126	119	1,370	1,568	-136
6	27,059	-501	0	2,613	118	130	1,473	1,101	-43
7	26,965	-94	0	2,536	116	130	1,479	895	36
8	27,470	505	0	3,375	110	138	1,393	1,188	-292
9	26,713	-757	0	2,597	137	120	1,569	1,132	-20
10	26,779	66	0	2,718	137	120	1,418	810	-201
11	27,833	1,054	0	3,813	104	120	1,429	1,950	321
12	28,127	294	0	2,461	105	104	1,450	900	247
13	28,187	60	0	2,199	106	127	1,185	982	231
14	27,801	-386	0	2,350	108	127	1,189	1,040	-81
15	27,251	-550	0	1,772	95	122	1,176	644	-12
16	27,304	53	0	2,272	97	122	1,161	686	-179
17	26,903	-401	0	2,274	66	99	1,102	928	-282
18	27,397	494	0	3,220	63	114	1,255	1,558	19
19	27,663	266	0	2,469	73	112	1,264	1,082	197
20	28,200	537	0	2,730	86	84	1,096	1,128	-65
21	27,892	-308	0	2,437	87	85	1,096	1,341	17
22	27,364	-528	0	2,223	98	64	997	1,444	114
23	27,756	392	0	2,213	99	65	902	906	-43
24	28,408	652	0	1,658	65	76	879	501	192
25	28,944	536	0	2,147	51	71	727	1,044	16
26	28,998	54	0	1,494	62	52	580	701	-71
27	28,433	-565	0	1,269	79	48	571	789	-67
28	27,798	-635	0	952	78	30	572	590	-2
Total		1,038	0	74,050	2,731	2,981	33,302	34,085	-429
Mean cfs		---	0	2,645	98	106	1,189	1,217	-15
Acre-feet		1,038	0	146,883	5,415	5,913	66,054	67,607	-856

1/ San Luis Canal includes Pools 14 through 21 of the California Aqueduct.

2/ Pump In of Non-Project Water and Flood Water is included in the gain or loss.

3/ Includes 784 AF AG & 1 AF M&I to Pacheco W.D. and 61 AF to the City of Dos Palos.

4/ Includes 44 AF to the City of Huron, 129 AF to the City of Avenal, 203 AF to the City of Coalinga, 0 AF Phase I Water, 1 AF to F&G @ WWD Lateral 4L, and 0 AF to Broadview W.D.

(in acre-feet)

**Table 21. San Joaquin Field Division Plant Data****February 2001**

23

Date	Coastal Aqueduct					California Aqueduct			
	Las Perillas Pumping Plant	Badger Hill Pumping Plant	Devil's Den Pumping Plant	Bluestone Pumping Plant	Polonio Pass Pumping Plant	Buena Vista Pumping Plant	Teerink Pumping Plant	Chrisman Pumping Plant	Edmonston Pumping Plant
1	68	68	31	30	34	2,660	2,812	2,778	2,659
2	65	65	44	40	46	2,810	2,800	2,773	2,659
3	66	66	50	47	54	2,624	2,756	2,725	2,656
4	58	58	52	48	53	4,104	3,967	3,903	3,868
5	62	62	54	51	55	1,827	1,851	1,847	1,775
6	71	71	50	45	51	1,637	1,613	1,619	1,612
7	84	84	50	47	50	1,590	1,551	1,489	1,481
8	93	93	41	39	43	1,517	1,512	1,463	1,407
9	55	55	41	39	44	1,522	1,371	1,463	1,473
10	35	35	37	34	39	1,511	1,482	1,429	1,473
11	32	32	32	28	32	3,937	3,948	4,008	3,868
12	41	41	38	36	39	1,532	1,586	1,574	1,473
13	31	31	38	40	40	1,722	1,689	1,589	1,615
14	31	31	40	37	42	1,702	1,841	1,828	1,830
15	42	42	31	28	31	1,481	1,497	1,473	1,377
16	41	41	40	38	43	1,276	1,254	1,247	1,252
17	38	38	45	42	48	1,349	1,357	1,417	1,473
18	50	50	45	42	46	2,920	3,044	2,955	2,916
19	32	32	32	30	34	1,500	1,566	1,422	1,426
20	43	43	34	32	35	1,836	1,748	1,748	1,655
21	91	91	41	38	42	1,889	1,949	1,879	1,977
22	70	70	33	31	35	2,089	1,979	1,928	1,849
23	47	47	35	32	36	1,627	1,559	1,526	1,490
24	58	58	37	33	38	764	593	731	742
25	55	55	39	36	40	2,054	1,673	1,944	1,964
26	32	32	40	39	44	1,061	902	930	873
27	58	58	42	38	42	1,002	979	932	958
28	26	26	23	21	24	1,425	1,341	1,303	1,249
Total	1,475	1,475	1,115	1,041	1,160	52,968	52,220	51,923	51,050

**Table 22a. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries

(In acre-feet)

**February 2001**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		Entitlement			Extended Carryover Purchase Pool B	Extended Carryover Entitlement	CVP Exchange 1/				
	No.	Structure										
7	21	Check No. 21	172.40		67,607							
8C	22		172.66	Empire West Side Irrig. Dist. TL - A	459			459				
				County of Kings TL - A	0			369				
				TLBWSA TL-A	369			5				
				175.18 DRWD - 1	5			73				
			177.54	DRWD - 1B	73			232				
			180.64	TLBWSA - C	0			183				
8D			180.65	DRWD - 1A	232			15				
			182.99	DRWD - 2	183			40				
31A			183.00	Tulare Lake Basin WSD TL - B	0			0				
8D			184.63	Coastal Branch	1,475			533				
			184.78	Dudley Ridge Water Dist. DRWD - 3	40			384				
				Dudley Ridge Reach 8D Total:	533			0				
				Tulare Lake Basin WSD Total:	384			0				
Check No. 22		184.82										
9	23		189.69	Kern County Water Agency Lost Hills Water Dist. - 1	118			118				
			191.18	Kern County Water Agency Lost Hills Water Dist. - 2	468			468				
			194.22	Kern County Water Agency Lost Hills Water Dist. - 3	212			212				
			196.40	Kern County Water Agency Berrenda Mesa - 2	0			0				
			196.75	Kern County Water Agency Lost Hills Water Dist. - 4	349			349				
				K.C.W.A. Reach 9 Subtotal:	1,147			0				
			Check No. 23	197.05				1,147				
10A	24		201.24	Kern County Water Agency Lost Hills Water Dist. - 7	14			14				
			202.05	Kern County Water Agency Lost Hills Water Dist. - 5	1,007			1,007				
			204.69	Kern County Water Agency Lost Hills Water Dist. - 6	0			0				
			205.26	Kern County Water Agency Lost Hills Water Dist. - 8	0			436				
			Check No. 24	207.94								
			209.71	Kern County Water Agency Belridge Water Storage Dist. - 1A	436							
			209.78	Kern National Wildlife Refuge USBR BV-1B	641							
10A	25			Kern County Water Agency Buena Vista WSD 1B	2,256							
			209.80	KCWA Semitropic WSD	1,022							
				KCWA Semitropic WSD Penstocks	2,051							
				USBR Total:	641							
				K.C.W.A. Reach 10A Subtotal:	6,786			0				

1/ Westlands WD transferred this CVP water to the San Luis Delta Mendota Water Authority with the understanding that a like amount would be repaid in storage shares in O'Neill reservoir at a later date.

**Table 22b. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

**February 2001**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending					Entitlement	USBR	Extended Carryover Purchase Pool B	Extended Carryover Entitlement	CVP Exchange 2/		
	No.	Structure	Mile									
11B	25	Kern County Water Agency Belridge - 2	210.75	Kern County Water Agency Belridge - 2	0			40	1,081	65		
			214.11	Kern County Water Agency Belridge - 3	40							
			216.62	Kern County Water Agency Belridge - 4	0							
			217.13	Kern County Water Agency Belridge - 5	1,081							
				Kern County Water Agency Belridge - 5D	65							
		Check No. 25	217.79	K.C.W.A. Reach 11B Subtotal:	1,186							
						0	0	0	1,186	0		
12D	26		219.58	Kern County Water Agency Belridge - 6	0							
		Check No. 26	224.92									
12E	27	Kern County Water Agency Buena Vista - 6	230.37	Kern County Water Agency Buena Vista - 6	0			91				
			Check No. 27	231.73								
	28	Kern County Water Agency Buena Vista - 2	235.75	Kern County Water Agency Buena Vista - 2	0							
				Kern County WA CVC	91							
				DRWD CVC	0							
				Tulare Co.	0							
				Lower Tule River	0							
				Fresno Co.	0							
				Pixley ID	0							
				Hacienda DWR Wells	0							
		Check No. 28	238.11	1/ Arvin Edison Total:	0		0	0	0	0		
				Reach 12E Subtotal:	91		0	0	0	91		
13B	29	Kern Water Bank Inflow	238.19	Kern Water Bank Inflow	0			36	0	0		
				Kern Water Bank Outflow	0							
				Kern River Intertie (inflow)	0							
				KCWA Buena Vista WSD - 7	0							
				KCWA Buena Vista WSD - 5	0							
				Kern County Water Agency Buena Vista - 3	0							
		Check No. 29	244.54	Buena Vista WSD	0							
	30	Kern County Water Agency Buena Vista - 4	249.85	Kern County Water Agency Buena Vista - 4	36			36	0	0		
			250.99		52,968							
		K.C.W.A. Reach 13B Subtotal:	36									
14A	31	Kern County Water Agency West Kern - 2	254.47	Kern County Water Agency West Kern - 2	0							
		Kern County Water Agency Wheeler Ridge-Maricopa - 2	256.11		14							

1/ Arvin Edison Contractors include Rag Gulch WD, Kern-Tulare WD, Fresno County, Hills Valley ID, Tri Valley WD, Tulare County, Lower Tule River ID, and Pixley ID.

2/ Westlands WD transferred this CVP water to the San Luis Delta Mendota Water Authority with the understanding that a like amount would be repaid in storage shares in O'Neill reservoir at a later date.

**Table 22c. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

**February 2001**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		Entitlement			Extended Carryover Purchase Pool B	Extended Carryover Entitlement	CVP Exchange				
	No.	Structure										
14A	31	Check No. 31	256.14	Kern County Water Agency Wheeler Ridge-Maricopa - 3	2	KCWA Reach 14A Subtotal:	289	0	289	0		
	32		258.61		2							
			260.44		273							
	Check No. 32	261.72										
14B	33		264.42	Kern County Water Agency Wheeler Ridge-Maricopa - 5	689	Reach 14B Total:	1,096	0	1,096	0		
			266.91	Kern County Water Agency Wheeler Ridge-Maricopa - 6	20							
	Check No. 33	267.36										
	34		270.24	Kern County Water Agency Wheeler Ridge-Maricopa - 7	387							
	Check No. 34	271.27										
14C	35		272.39	Kern County Water Agency Wheeler Ridge-Maricopa - 8	308	Reach 14C Total:	570	0	570	0		
			276.09	Kern County Water Agency Wheeler Ridge-Maricopa - 9	262							
	Teerink Pumping Plant	278.13	Kern County Water Agency Wheeler Ridge-Maricopa - 9A	52,220								
	36			279.02	274							
				280.06	108							
				Reach 15-A Total:	382	0	382	0				
16A	37	Chrisman Pumping Plant	280.36	Kern County Water Agency Wheeler Ridge-Maricopa - 11	51,923	Reach 16A Total:	11	0	11	0		
		282.06	0									
		Check No. 37	283.95									
	38		285.01	Kern County Water Agency Wheeler Ridge-Maricopa - 12	8							
			286.39	Kern County Water Agency Wheeler Ridge-Maricopa - 13A	0							
			287.06	Kern County Water Agency Wheeler Ridge-Maricopa - 13	0							
	39	Check No. 38	287.09									
		287.62	Kern County Water Agency Wheeler Ridge-Maricopa - 13B	0								
		Check No. 39	290.21									
	40		291.26	Kern County Water Agency Wheeler Ridge-Maricopa - 14	1							
			293.07	Kern County Water Agency Wheeler Ridge-Maricopa - 15	2							
			Kern County Water Agency Tehachapi Cummings CWD	0								
			K.C.W.A. Reach 16A Subtotal:	11								
17E	Edmonston Pumping Plant	293.45	51,050									

**Table 23. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries (Coastal Branch)

(In acre-feet)

February 2001

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending					Entitlement	USBR	Extended Carryover Purchase Pool B	Extended Carryover Entitlement	CVP Exchange 1/		
	No.	Structure	Mile									
31A	C-1	Coastal Branch Control	0.02		1,475							
		Las Perillas Pumping Plant	1.16		1,475							
	C-2		3.79	Green Valley Water District	0							
		Badger Hill Pumping Plant	4.27		1,475							
	C-3	Coastal Check No. 3	7.21									
	C-4		9.34	Castaic Lake WA (Devil's Den WD #1)	0							
		Coastal Check No. 4	9.34									
	C-5	Coastal Check No. 5	12.20									
	C-6		13.30	Kern County Water Agency Berrenda Mesa - 3	0							
			14.83	Kern County Water Agency Berrenda Mesa - 1	388					388		
				Kern County Water Agency Berrenda Mesa - PO	0							
		Devil's Den Pumping Plant	14.86		1,115							
				K.C.W.A. Reach 31A Subtotal:	388	0	0	0	388	0		
				K.C.W.A. Total:	11,982	0	0	2,292	6,526	3,164		
33A	C-7	Bluestone Pumping Plant	19.05		1,041							
	C-8	Polonio Pass Pumping Plant	26.54		1,160							
	C-9	Tank Site 1	27.81	(CCWA) Polonio Pass Treatment Plant								
	C-10	Shandon T.O.	38.23	Santa Barbara County (CCWA)	888	888						
		Tank Site 2	58.63	Central Coast:	0							
34	C-11	Chorro Valley T.O.	69.31	San Luis Obispo County (CCWA)	274	274						
		Energy Dissipater	78.12									
	Lopez T.O.	85.86		SLOCFC & WCD	0							
35	C-12			CCWA Total:	1,162	1,162	0	0	0	0		
		Guadalupe T.O.	102.70	SBCFC & WCD	0							
		Santa Maria T.O.	107.43	SBCFC & WCD	0							
		So. Cal. Water T.O.	109.20	SBCFC & WCD	0							
38				SBCFC & WCD Total:	0	0	0	0	0	0		
		Tank Site 5	115.42									

1/ Westlands WD transferred this CVP water to the San Luis Delta Mendota Water Authority with the understanding that a like amount would be repaid in storage shares in O'Neill reservoir at a later date.

**Table 24. Southern Field Division Plant Data**

(in acre-feet)

February 2001

Date	West Branch					East Branch							Devil Canyon Powerplant Generation	
	Oso Pumping Plant	Warne Powerplant		Castaic Powerplant		Alamo Powerplant			Pearblossom Pumping Plant	Mojave Siphon Powerplant				
		Generation	Leakage	Generation	Pumpback	Generation	Bypass Through Plant	Cottonwood Chute		Generation	Leakage	Bypass Flume		
1	1,282	1,561	0	2,325	3,137	1,404	0	0	1,068	1,263	0	0	1,460	
2	1,280	1,448	0	2,796	3,396	1,415	0	0	1,065	1,081	0	0	1,578	
3	1,530	1,390	0	374	3,545	1,184	0	0	1,281	1,080	0	0	1,528	
4	2,317	2,293	0	2,652	187	1,571	0	0	1,334	1,383	0	0	1,315	
5	539	387	0	2,899	2,147	925	0	294	931	907	0	0	711	
6	537	375	0	5,416	2,675	1,028	0	12	914	961	0	0	689	
7	552	638	0	4,999	3,621	845	0	0	851	891	0	0	721	
8	485	499	0	5,589	2,062	993	0	0	768	831	0	0	559	
9	477	511	0	5,495	1,890	923	0	0	681	740	0	0	1,115	
10	373	653	0	2,015	4,106	1,049	0	0	807	847	0	0	1,715	
11	2,531	2,390	0	754	5,702	1,387	0	0	1,235	1,227	0	0	1,367	
12	542	582	0	3,187	8	909	0	0	888	964	0	0	1,319	
13	511	581	0	8,413	1,233	1,110	0	0	1,249	1,383	0	0	1,165	
14	414	565	0	2,199	3,780	1,421	0	0	1,298	1,429	0	0	1,396	
15	517	563	0	8,426	5,919	841	0	0	1,208	1,129	0	0	1,001	
16	426	614	0	2,732	4,369	842	0	0	639	651	0	0	1,615	
17	482	604	0	0	740	966	0	0	960	986	0	0	1,460	
18	1,696	1,237	0	108	3,442	1,246	0	0	1,488	1,450	0	0	1,448	
19	360	623	0	3,028	952	1,042	0	0	1,044	995	0	0	1,148	
20	488	548	0	3,712	2,219	1,143	0	0	1,002	1,011	0	0	1,223	
21	479	537	0	5,257	880	1,498	0	0	786	785	0	0	1,032	
22	565	452	0	4,939	1,485	1,242	0	0	1,085	1,022	0	0	942	
23	403	469	0	246	765	1,083	0	0	1,097	991	0	0	1,098	
24	0	0	0	0	1,526	714	0	0	877	750	0	0	1,680	
25	0	77	0	1,173	4,873	1,934	0	0	1,762	1,799	0	0	1,085	
26	0	195	0	4,363	2,282	884	0	0	684	693	0	0	1,198	
27	0	194	0	7,238	2,201	926	0	0	805	812	0	0	1,144	
28	216	195	0	2,613	2,685	1,121	0	0	899	947	0	0	1,211	
29	Total	19,002	20,181	0	92,948	71,827	31,646	0	306	28,706	29,008	0	0	33,923

**Table 25. Pyramid Lake**  
Daily Operation

Capacity: 171,200 ac-ft

(in acre-feet except as noted)

**February 2001**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow			Computed Losses (-) And Gains (+)	
				Project		Natural	Project		Natural		
				Castaic Powerplant Pumpback	Warne Powerplant	Stream Flow	Castaic Powerplant Generation	Recreation Deliveries	To Piru Creek		
Jan 31	2569.21	158,800									
1	2571.17	161,233	2,433	3,137	1,561	29	2,325	0	10	41	
2	2572.80	163,275	2,042	3,396	1,448	29	2,796	0	10	-25	
3	2576.36	167,792	4,517	3,545	1,390	30	374	0	10	-64	
4	2576.22	167,613	-179	187	2,293	30	2,652	0	10	-27	
5	2575.86	167,153	-460	2,147	387	36	2,899	0	10	-121	
6	2574.12	164,940	-2,213	2,675	375	43	5,416	0	10	120	
7	2573.50	164,157	-783	3,621	638	45	4,999	0	10	-78	
8	2571.16	161,221	-2,936	2,062	499	44	5,589	0	10	58	
9	2568.64	158,097	-3,124	1,890	511	39	5,495	0	10	-59	
10	2570.77	160,735	2,638	4,106	653	46	2,015	0	10	-142	
11	2576.69	168,215	7,480	5,702	2,390	47	754	0	10	105	
12	2574.89	165,917	-2,298	8	582	73	3,187	0	10	236	
13	2570.01	159,790	-6,127	1,233	581	70	8,413	0	10	412	
14	2571.85	162,083	2,293	3,780	565	61	2,199	0	10	96	
15	2570.06	159,852	-2,231	5,919	563	62	8,426	0	10	-339	
16	2571.98	162,246	2,394	4,369	614	64	2,732	0	10	89	
17	2573.04	163,577	1,331	740	604	66	0	0	10	-69	
18	2576.68	168,203	4,626	3,442	1,237	83	108	0	10	-18	
19	2575.66	166,898	-1,305	952	623	143	3,028	0	10	15	
20	2575.25	166,375	-523	2,219	548	242	3,712	0	10	190	
21	2572.37	162,734	-3,641	880	537	166	5,257	0	12	45	
22	2570.00	159,778	-2,956	1,485	452	181	4,939	0	12	-123	
23	2570.96	160,971	1,193	765	469	157	246	0	12	60	
24	2572.17	162,484	1,513	1,526	0	149	0	0	12	-150	
25	2575.59	166,808	4,324	4,873	77	198	1,173	0	12	361	
26	2574.27	165,130	-1,678	2,282	195	254	4,363	0	12	-34	
27	2570.62	160,548	-4,582	2,201	194	232	7,238	0	12	41	
28	2570.95	160,959	411	2,685	195	209	2,613	0	12	-53	
Total				2,159	71,827	20,181	2,828	92,948	0	296	567

**Table 26. Elderberry Forebay**

Daily Operation

(in acre-feet except as noted)

Capacity: 32,746 ac-ft

**February 2001**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow			Computed Losses (-) And Gains (+)	
				Castaic Powerplant Generation	Natural	Castaic Powerplant Pumpback	To Castaic Lake			
							Natural	Project		
Jan 31	1524.80	25,327								
1	1522.95	24,513	-814	2,325	5	3,137	5	0	-2	
2	1515.17	21,229	-3,284	2,796	5	3,396	5	2,674	-10	
3	1507.19	18,119	-3,110	374	5	3,545	5	0	61	
4	1508.32	18,543	424	2,652	5	187	5	2,031	-10	
5	1510.28	19,292	749	2,899	5	2,147	5	0	-3	
6	1517.01	21,984	2,692	5,416	6	2,675	6	0	-49	
7	1515.88	21,519	-465	4,999	6	3,621	6	0	-1,843	
8	1523.16	24,605	3,086	5,589	6	2,062	6	0	-441	
9	1525.60	25,682	1,077	5,495	8	1,890	8	2,855	327	
10	1521.26	23,780	-1,902	2,015	29	4,106	29	0	189	
11	1509.63	19,042	-4,738	754	81	5,702	81	0	210	
12	1511.97	19,950	908	3,187	390	8	390	0	-2,271	
13	1526.68	26,166	6,216	8,413	614	1,233	614	728	-236	
14	1517.58	22,221	-3,945	2,199	274	3,780	274	2,491	127	
15	1524.24	25,079	2,858	8,426	152	5,919	152	3,226	3,577	
16	1516.78	21,889	-3,190	2,732	108	4,369	108	4,896	3,343	
17	1515.30	21,282	-607	0	85	740	85	0	133	
18	1507.14	18,100	-3,182	108	74	3,442	74	3,446	3,598	
19	1513.01	20,361	2,261	3,028	117	952	117	0	185	
20	1513.45	20,536	175	3,712	268	2,219	268	1,150	-168	
21	1517.06	22,005	1,469	5,257	134	880	134	2,959	51	
22	1525.21	25,509	3,504	4,939	102	1,485	102	0	50	
23	1521.89	24,052	-1,457	246	89	765	89	853	-85	
24	1518.68	22,681	-1,371	0	84	1,526	84	0	155	
25	1510.20	19,261	-3,420	1,173	148	4,873	148	0	280	
26	1510.41	19,342	81	4,363	352	2,282	352	1,108	-892	
27	1522.95	24,513	5,171	7,238	222	2,201	222	0	134	
28	1522.95	24,513	0	2,613	166	2,685	166	0	72	
Total				-814	92,948	3,540	71,827	3,540	28,417	
									6,482	

**Table 27. Castaic Lake**

Daily Operation

(in acre-feet except as noted)

Capacity: 323,699 ac-ft

**February 2001**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow		Computed Losses (-) And Gains (+)	
				From Elderberry Forebay		Natural	Deliveries	Released To Castaic Lagoon		
				Natural	Project					
Jan 31	1505.81	303,539								
1	1505.42	302,701	-838	5	0	6	855	0	6	
2	1506.23	304,444	1,743	5	2,674	5	967	0	26	
3	1505.81	303,539	-905	5	0	5	1,007	0	92	
4	1506.32	304,638	1,099	5	2,031	5	869	0	-73	
5	1505.93	303,798	-840	5	0	4	1,005	0	156	
6	1505.36	302,572	-1,226	6	0	4	1,259	0	23	
7	1505.64	303,174	602	6	0	4	1,180	0	1,772	
8	1505.10	302,014	-1,160	6	0	4	1,230	0	60	
9	1505.83	303,583	1,569	8	2,855	4	1,229	0	-69	
10	1505.37	302,593	-990	29	0	34	1,160	0	107	
11	1505.04	301,885	-708	81	0	55	1,059	0	215	
12	1505.94	303,819	1,934	390	0	274	1,119	0	2,389	
13	1506.52	305,070	1,251	614	728	331	485	198	261	
14	1507.24	306,626	1,556	274	2,491	150	1,177	0	-182	
15	1506.76	305,588	-1,038	152	3,226	69	1,130	0	-3,355	
16	1507.03	306,172	584	108	4,896	45	1,156	0	-3,309	
17	1506.58	305,199	-973	85	0	37	952	0	-143	
18	1506.22	304,423	-776	74	3,446	32	883	0	-3,445	
19	1505.89	303,712	-711	117	0	84	891	0	-21	
20	1506.16	304,293	581	268	1,150	115	990	0	38	
21	1507.10	306,323	2,030	134	2,959	55	880	127	-111	
22	1506.65	305,351	-972	102	0	42	837	141	-138	
23	1506.72	305,502	151	89	853	35	824	141	139	
24	1506.42	304,854	-648	84	0	32	838	78	152	
25	1506.12	304,207	-647	148	0	54	820	77	48	
26	1506.99	306,085	1,878	352	1,108	191	786	0	1,013	
27	1506.67	305,394	-691	222	0	110	827	0	-196	
28	1506.40	304,811	-583	166	0	84	854	0	21	
Total			1,272	3,540	28,417	1,870	27,269	762	-4,524	

**Table 28. Governor Edmund G. Brown California Aqueduct**

Southern Field Division, Monthly Deliveries (West Branch)

(In acre-feet)

**February 2001**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending					Entitlement	Rec.	Local	Extended Carryover Entitlement	CLWA T1		
	No.	Structure	Mile									
29A	42	Oso Pumping Plant	1.49		19,002							
29F	W2	Quail Lake	5.02	Antelope Valley-East Kern Water Agency	Removed							
		Quail Lake Embankment	7.82	Antelope Valley-East Kern Water Agency	Stub							
29G		Warne Power Plant	14.07		20,181							
29H	W3	Pyramid Lake		Calif. State Park Pyramid Recreation	0							
		Pyramid Dam	17.10	Piru Creek Fish Enhancement	0							
29J	W4	Castaic Power Plant	25.82	( 71,827 AF pumpback )	92,948							
		Elderberry Forebay										
		Forebay Dam	28.12									
30 1/	W5	Castaic Lake		Calif. State Park Castaic Lake Recreation	8							
		Castaic Dam	31.47									
		Castaic Lake Outlet	31.55	MWD - 78"	5,963							
				MWD - 132"	20,341							
				Castaic Lake WA - T1	470							
				Castaic Lake WA	333							
				United Water Conservation Dist.	0							
				MWD - Ventura County FCD	154							
				LA Co. Parks & Recreation	0							
				Releases to Lagoon	762							
				Reach 30 Subtotal:	27,269							
	W6	Castaic Lagoon		Recreation to Lagoon	49							
		Castaic Lagoon Outlet	31.87									
					445							

1/ Reach 30 actually terminates at mile 31.50. It is shown here as including the outlet works at mile 31.55.

All deliveries from the outlet works and from the Lagoon are billed to Reach 30.

**Table 29. Silverwood Lake**

Daily Operation

(in acre-feet except as noted)

Capacity: 74,970 ac-ft

**February 2001**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow				Computed Losses (-) And Gains (+)	Las Flores Ranch Exchange 1/	
							Project			Del. To Mojave W.A.	Natural To Mojave River		
				Mojave Siphon Power-plant	Mojave Bypass Flume	Natural Stream Flow	Delivered to CLAWA	Rec.	San Bernardino Tunnel				
Jan 31	3350.90	71,026											
1	3350.77	70,903	-123	1,263	0	4	3	0	1,460	0	1	74	
2	3350.25	70,412	-491	1,081	0	4	2	1	1,578	0	0	5	
3	3349.85	70,030	-382	1,080	0	4	3	0	1,528	0	1	66	
4	3349.89	70,073	43	1,383	0	4	3	0	1,315	0	0	-26	
5	3350.02	70,195	122	907	0	4	3	0	711	0	1	-74	
6	3350.56	70,705	510	961	0	5	1	0	689	0	0	234	
7	3350.51	70,657	-48	891	0	7	0	0	721	0	1	-224	
8	3350.84	70,970	313	831	0	6	4	0	559	0	0	39	
9	3350.63	70,771	-199	740	0	5	5	0	1,115	0	1	177	
10	3349.57	69,772	-999	847	0	6	4	0	1,715	0	0	-133	
11	3349.52	69,725	-47	1,227	0	5	5	0	1,367	0	1	94	
12	3349.67	69,866	141	964	0	123	5	1	1,319	0	1	380	
13	3350.55	70,695	829	1,383	0	193	3	0	1,165	0	1	422	
14	3350.52	70,667	-28	1,429	0	99	3	0	1,396	0	1	-156	
15	3350.79	70,922	255	1,129	0	65	4	0	1,001	0	48	114	
16	3349.58	69,782	-1,140	651	0	45	4	0	1,615	0	36	-181	
17	3349.25	69,472	-310	986	0	37	5	0	1,460	0	0	132	
18	3349.25	69,472	0	1,450	0	34	5	0	1,448	0	1	-30	
19	3349.45	69,660	188	995	0	119	4	0	1,148	0	1	227	
20	3349.50	69,707	47	1,011	0	289	5	0	1,223	0	49	24	
21	3349.35	69,566	-141	785	0	114	4	0	1,032	0	104	100	
22	3349.25	69,472	-94	1,022	0	84	3	0	942	0	104	-151	
23	3349.36	69,575	103	991	0	70	4	0	1,098	0	1	145	
24	3348.50	68,772	-803	750	0	63	3	0	1,680	0	0	67	
25	3349.27	69,491	719	1,799	0	145	4	0	1,085	0	1	-135	
26	3349.23	69,454	-37	693	0	225	3	0	1,198	0	54	300	
27	3348.60	68,865	-589	812	0	145	4	0	1,144	0	100	-298	
28	3348.57	68,837	-28	947	0	132	4	0	1,211	0	99	207	
Total				-2,189	29,008	0	2,036	100	2	33,923	0	607	
												1,399	
												282	

1/ Project water delivered from Mojave Siphon in exchange for like amount of Natural Streamflow.

**Table 30. Lake Perris**

## Daily Operation

(in acre-feet except as noted)

Capacity: 131,452 ac-ft

**February 2001**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow 1/	Outflow 2/	Computed Losses (-) Gains (+) 1/
Jan 31	1574.97	98,303				
1	1574.97	98,303	0		9	
2	1574.96	98,283	-20		8	
3	1574.96	98,274	-9		9	
4	1574.97	98,304	30		8	
5	1574.95	98,262	-42		95	
6	1574.95	98,262	0		8	
7	1574.92	98,199	-63		8	
8	1574.92	98,199	0		9	
9	1574.93	98,220	21		9	
10	1574.91	98,178	-42		133	
11	1574.91	98,178	0		10	
12	1574.96	98,283	105		8	
13	1575.03	98,429	146		8	
14	1575.03	98,429	0		10	
15	1575.03	98,429	0		7	
16	1575.02	98,408	-21		10	
17	1575.05	98,471	63		8	
18	1575.05	98,471	0		8	
19	1575.04	98,450	-21		73	
20	1575.04	98,450	0		8	
21	1575.05	98,471	21		8	
22	1575.02	98,408	-63		8	
23	1575.03	98,429	21		7	
24	1575.01	98,387	-42		7	
25	1575.07	98,513	126		7	
26	1575.11	98,596	83		7	
27	1575.11	98,596	0		7	
28	1575.12	98,617	21		7	
<b>Total</b>			<b>314</b>	<b>926</b>	<b>503</b>	<b>-109</b>

1/ Readings are not taken on a daily basis. End of month only.

2/ Includes deliveries to MWD from Reach 28J and recreation water to California State Park at Lake Perris.

**Table 31a. Governor Edmund G. Brown California Aqueduct**  
 Southern Field Division, Monthly Deliveries (East Branch)

(In acre-feet)

**February 2001**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending					Entitlement	Rec.	Transfer 1/	Extended Carryover Entitlement	Transfer Local Out		
	No.	Structure	Mile									
17E	40	Edmonston Pumping Plant	293.45		51,050							
	41		298.65	Kern County Water Agency Tej.-Cas	Stub							
17F		Check No. 41	303.41									
18A	42	Check No. 42	304.99									
19	43	Alamo Powerplant	305.73	(Does not include 306 AF flow down Cottonwood Chute)	31,646	1	372	24				
			308.05	Antelope Valley-East Kern WA	0							
		Check No. 43	309.70									
	44		311.84	LADWP Connection	0							
			313.50	AVEK 245th Street West	0							
	Check No. 44		314.81									
	45		314.93	AVEK 235th Street West	1							
			315.57	AVEK 225th Street West	0							
	Check No. 45		319.74									
	46		323.19	Antelope Valley-East Kern WA Fairmont	396							
		Check No. 46	323.84									
				Reach 19 Total:	397							
20A	47	Check No. 47	326.77			21	1,168	15				
	48		326.91	Antelope Valley-East Kern WA Willow Springs Siphon	21							
			329.65	Antelope Valley-East Kern WA 120th Street West	Removed							
		Check No. 48	330.82									
20B	49	Check No. 49	335.93			698						
	50		336.73	Antelope Valley-East Kern WA Quartz Hill	0							
			339.68	Antelope Valley-East Kern WA Rancho Vista	1,168							
			339.68	Antelope Valley-East Kern WA	15							
		Check No. 50	341.51									
	51	Check No. 51	342.07									
	52		342.80	Antelope Valley-East Kern WA 30th Street West	Not in Use							
		Check No. 52	343.74									
21	53		346.98	PWD Palmdale	698	118						
			348.14	Antelope Valley-East Kern WA Acton Treatment Plant	0							
	Check No. 53		348.17									
	54	Check No. 54	350.25									
	55	Check No. 55	352.70									
22A	56	Check No. 56	354.76			118						
			354.97	Littlerock Creek I.D.	0							
	57	Check No. 57	356.93									
	58		357.60	Antelope Valley-East Kern WA	0							
			357.72	Antelope Valley-East Kern WA 96th Street East	0							
			359.82	Antelope Valley-East Kern WA East Side Treatment Plant	118							

1/ AVEK transferred this water to Mojave Water Agency.

**Table 31b. Governor Edmund G. Brown California Aqueduct**

Southern Field Division, Monthly Deliveries (East Branch, Continued)

(In acre-feet)

**February 2001**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		Mile			Entitlement	Recreation	Carry-over	Extended Carryover Entitlement	Local		
	No.	Structure										
22B	58	Pearblossom Pumping Plant	360.61		28,706		20					
	59	Check No. 59	366.09									
	60	Check No. 60	373.94									
	61	Check No. 61	379.00									
	62	Check No. 62	384.26									
	63	Check No. 63	389.20	Mojave Water Agency Mojave River	0							
	64	Check No. 64	395.10									
	65	Check No. 65	400.32	Mojave Water Agency Morongo 24" and 42" Mojave Water Agency Hesperia	20							
	66		401.10		0							
23	Check No. 66	403.41										
24	Mojave Siphon	405.48	Las Flores Ranch	405.65	282		2			282		
	Mojave Siphon Powerplant	(Does not include 0 AF of bypass at Mojave Flume)	29,008									
	Silverwood Lake	407.65	Crestline Lake Arrowhead Water Agency		100							
			Calif. State Park		2							
			Silverwood Agency (Rec.)									
25	San Bernardino Tunnel	411.46		33,923			2			100		
26A	Devil Canyon Powerplant	412.73	San Gorgonio Pass Water Agency		0							
					33,923							
			MWD-SC Rialto	412.88	12,304							
			Desert Water Agency (MWD Wheeling Exchange)		0							
28G	Santa Ana Valley Pipeline	425.46	San Gabriel Valley Water District		0							
			Coachella Valley WD (MWD Wheeling Exchange)		0							
			San Bernardino Valley MWD 24" and 72"		0							
			San Bernardino Valley MWD 48"		0							
			MWD (SBVMWD Exchange)		0							
28H	Lake Perris	433.06	MWD-SC Box Springs	440.05	2,889		13			2,889		
28J		440.05	MWD-SC Perris Bypass Pipeline		18,350							
		442.00	MWD-SC 18"	443.44	239							
28J		443.44	MWD-SC 54"		162							
			MWD-SC 78"		89							
			Calif. State Park Lake Perris Recreation		13							
			MWD Total:		60,961			154	0	0		
									60,337	470		

**Table 32. Water Quality At Selected SWP Locations**

February 2001

Constituent	Units	Thermalito Afterbay At Outlet	North Bay Aqueduct Barker Slough Pumping Plant	Banks Pumping Plant	Delta Mendota Canal At McCabe Rd.	California Aqueduct				Devil Canyon Afterbay Near San Bernardino
						O'Neill Forebay Outlet (Check 13)	Kettleman City (Check 21)	Near Hwy 119 (Check 29)	Tehachapi Afterbay (Check 41)	
Alkalinity	mg/l	42	117	82	79	84	84	84	84	77
Antimony	mg/l	NR	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NR	NR
Arsenic	mg/l	<0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Beryllium	mg/l	NR	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron	mg/l	<0.1	0.3	0.2	0.1	0.2	0.2	0.2	0.2	0.2
Bromide	mg/l	<0.01	0.06	0.18	0.18	0.19	0.27	0.33	0.34	0.33
Calcium	mg/l	9	25	21	19	22	24	25	25	24
Carbon - Dissolved Organic	mg/l	NR	5	5	6	5	5	4	5	3
Carbon - Total Organic	mg/l	NR	5	5	7	6	6	5	5	3
Chloride	mg/l	1	48	63	56	68	86	101	106	102
Chromium	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Copper	mg/l	0.001	0.003	0.002	0.003	0.002	0.002	0.003	0.002	0.002
Fluoride	mg/l	<0.1	0.1	<0.1	<0.1	0.1	0.1	<0.1	<0.1	<0.1
Hardness	mg/l	39	161	102	97	108	122	128	128	130
Iron	mg/l	<0.005	0.006	0.049	0.117	0.092	0.074	0.018	0.012	<0.005
Lead	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium	mg/l	4	24	12	12	13	15	16	16	17
Manganese	mg/l	<0.005	0.013	0.019	0.012	0.013	<0.005	<0.005	<0.005	<0.005
Nitrate + Nitrite	mg/l	<0.01	0.40	1.10	NR	NR	1.30	NR	1.40	0.75
Phosphorus-Ortho	mg/l	<0.01	0.08	0.08	NR	NR	0.08	NR	0.07	0.03
Phosphorus-Total	mg/l	0.02	0.18	0.10	NR	NR	0.11	NR	0.10	0.05
Selenium	mg/l	NR	<0.001	0.001	NR	NR	NR	0.001	NR	NR
Sodium	mg/l	4	54	43	39	50	60	71	74	75
Specific Conductance	µS/cm	90	475	466	411	497	566	626	642	582
Sulfate	mg/l	2	49	47	33	51	55	58	59	42
Total Dissolved Solids	mg/l	59	264	254	221	271	307	337	341	301
Turbidity	NTU	3.53	31.35	11.5	16.7	24.2	3.44	4.89	5.1	1
Zinc	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

mg/l milligrams per liter

µg/l micrograms per liter

µS/cm microSiemens per centimeter

NR - Not Reported

NTU - nephelometric turbidity units

**Table 33. Water Quality At Selected Delta Stations**

February 2001

Date	Tides (feet above mean sea level)		Flow In CFS			Electrical Conductivity in millSiemens/cm									Cl in mg/l
	(Antioch) Daily Mean		Net Delta Outflow Index		Rio Vista	Antioch	Chippis island	Emmaton		Jersey Point		Clifton Court	Cache Slough	Delta Mendota Canal	Contra Costa Canal Intake
	Mean Daily	Monthly Average	md	md				md	14dm	md	14dm				
	Hi	Half	md	md	md	md	md	14dm	md	14dm	md	md	md	md	md
1	2.05	0.08	14,763	14,763	14,714	0.61	1.14	0.20	0.32	0.41	0.55	0.61	0.86	0.63	228
2	2.18	0.14	12,681	13,722	13,326	0.60	1.63	0.20	0.31	0.41	0.54	0.59	0.89	0.58	233
3	2.44	0.26	11,006	12,816	12,339	0.64	2.60	0.21	0.30	0.42	0.52	0.59	0.89	0.63	205
4	2.78	0.49	9,156	11,901	11,421	0.74	3.67	0.24	0.30	0.42	0.51	0.59	0.89	0.63	223
5	3.08	0.68	8,324	11,186	10,718	0.93	4.71	0.28	0.29	0.43	0.49	0.59	0.88	0.63	202
6	3.46	1.02	7,027	10,493	10,214	1.41	6.27	0.41	0.29	0.47	0.48	0.59	0.87	0.60	180
7	3.23	0.70	6,855	9,973	10,642	1.06	4.92	0.32	0.28	0.45	0.47	0.57	0.89	0.61	165
8	3.08	0.61	6,602	9,552	9,809	1.15	5.02	0.38	0.28	0.43	0.46	0.56	0.87	0.64	147
9	3.21	0.87	5,648	9,118	9,992	1.37	5.81	0.46	0.28	0.45	0.45	0.59	0.86	0.60	143
10	2.91	0.79	7,551	8,961	11,492	1.58	6.15	0.44	0.29	0.48	0.44	0.56	0.63	0.63	138
11	2.74	0.94	11,013	9,148	12,853	1.74	5.94	0.42	0.30	0.51	0.44	0.64	0.49	0.60	127
12	2.66	0.83	14,250	9,573	17,903	1.41	4.71	0.31	0.31	0.47	0.44	0.61	0.40	0.61	117
13	2.83	0.83	19,029	10,300	21,139	1.15	4.00	0.28	0.31	0.49	0.45	0.55	0.41	0.57	113
14	2.78	0.73	23,435	11,238	21,125	1.05	3.21	0.27	0.32	0.47	0.45	0.46	0.50	0.57	102
15	2.65	0.65	20,853	11,879	18,688	0.96	2.45	0.26	0.32	0.45	0.45	0.47	0.60	0.64	97
16	2.75	0.78	20,294	12,405	15,906	0.90	2.31	0.26	0.32	0.45	0.46	0.42	0.68	0.56	88
17	2.88	0.99	14,916	12,553	13,316	0.87	2.69	0.26	0.33	0.46	0.46	0.42	0.72	0.53	93
18	2.87	1.03	12,392	12,544	12,529	0.86	2.89	0.27	0.33	0.45	0.46	0.42	0.80	0.54	74
19	3.35	1.39	11,920	12,511	12,305	0.94	3.98	0.31	0.33	0.47	0.46	0.41	0.81	0.52	72
20	3.21	1.35	14,043	12,588	15,639	0.98	3.96	0.29	0.32	0.45	0.46	0.43	0.57	0.53	75
21	3.02	1.13	18,241	12,857	19,766	0.85	2.99	0.26	0.32	0.42	0.46	0.42	0.42	0.56	75
22	3.23	1.33	23,220	13,328	24,987	0.73	2.74	0.24	0.31	0.41	0.46	0.42	0.47	0.53	85
23	2.89	1.13	31,265	14,108	31,534	0.68	1.56	0.24	0.29	0.38	0.46	0.47	0.44	0.56	85
24	3.18	1.32	35,383	14,994	32,996	0.61	1.23	0.24	0.28	0.36	0.45	0.47	0.45	0.58	80
25	2.80	1.25	38,189	15,922	34,882	0.56	0.70	0.21	0.26	0.34	0.44	0.47	0.39	0.49	80
26	2.63	1.15	40,049	16,850	33,156	0.50	0.45	0.19	0.26	0.33	0.42	0.45	0.53	0.47	97
27	2.73	1.18	41,700	17,770	34,021	0.45	0.34	0.18	0.25	0.31	0.41	0.45	0.65	0.46	102
28	2.89	1.12	40,144	18,570	32,510	0.37	0.27	0.17	0.24	0.30	0.40	0.44	0.74	0.45	105

**Table 34. Pesticides, Herbicides, and Other Organic Substances Detected In the SWP**

February 2001

Sampling Location	Sample Date 1/	Chemical Detected	Concentration µg/l 2/
North Bay Aqueduct At Barker Slough Pumping Plant	December 20, 2000	Methyl tert-butyl ether (MTBE)	1
California Aqueduct At Banks Pumping Plant	September 20, 2000	Methyl tert-butyl ether (MTBE)	1.60
Delta Mendota Canal At McCabe Road	September 20, 2000	2,4-Dichlorophenylacetic acid (DCAA) Methyl tert-butyl ether (MTBE)	0.43 1.10
California Aqueduct Near Kettleman City (Check 21)	September 19, 2000	2,4-Dichlorophenylacetic acid (DCAA)	0.363
California Aqueduct At Tehachapi Afterbay (Check 41)	September 20, 2000	2,4-Dichlorophenylacetic acid (DCAA)	0.491
Devil Canyon Power Plant At Entrance To Santa Ana Pipeline	September 05, 2000 September 13, 2000 September 20, 2000	Methyl tert-butyl ether (MTBE) Methyl tert-butyl ether (MTBE) Methyl tert-butyl ether (MTBE) 2,4-Dichlorophenylacetic acid (DCAA)	2.10 1.8 2.40 0.51

1/ Locations are normally sampled during March, June, and September. Monthly reports will include data for the month in which samples were most recently taken.

2/ Micrograms per liter.

**Table 35. Oroville and Delta Field Divisions Energy Data**

(in kWh)

**February 2001**

Date	Oroville Thermalito Complex		Barker Slough Pumping Plant	Cordelia Pumping Plant Load	Banks Pumping Plant		South Bay Pumping Plant Load	Del Valle Pumping Plant Load
	Generation	Load			Total Load	SWP Load		
1	3,134,880	5,760	9,884	22,036	2,891,136	2,891,136	143,790	2,319
2	2,716,416	6,912	10,990	24,556	2,918,208	2,918,208	158,425	4,125
3	1,018,368	2,592	11,151	24,563	2,853,120	2,853,120	155,770	4,184
4	1,440	8,295,264	12,537	27,811	2,902,656	2,902,656	165,275	4,374
5	2,580,768	622,368	15,582	27,769	2,918,976	2,918,976	177,640	4,426
6	2,804,256	0	18,620	30,184	3,121,728	3,121,728	222,905	4,358
7	1,966,464	0	21,623	33,320	2,944,320	2,944,320	249,685	4,413
8	1,313,568	0	22,379	36,624	2,757,504	2,757,504	279,285	4,581
9	2,140,128	864	17,717	30,751	2,550,720	2,550,720	297,680	4,635
10	1,862,496	288	14,868	25,816	2,893,248	2,893,248	274,485	4,028
11	823,968	0	14,903	27,412	1,745,472	1,745,472	273,350	4,245
12	2,420,928	0	17,059	30,401	2,395,200	2,395,200	263,355	4,518
13	3,327,840	0	14,917	27,475	2,764,032	2,764,032	233,225	3,459
14	2,573,856	0	13,216	22,904	2,351,616	2,351,616	179,505	257
15	3,408,768	0	17,248	30,912	3,126,528	3,126,528	170,080	248
16	4,113,792	0	13,083	24,759	2,564,544	2,564,544	169,690	239
17	1,262,592	294,336	12,572	23,345	2,019,072	2,019,072	173,435	235
18	0	7,867,008	12,488	23,345	2,112,960	2,112,960	159,775	234
19	1,786,464	15,552	11,956	21,854	2,161,152	2,161,152	165,250	233
20	1,774,656	288	12,551	24,199	2,121,408	2,121,408	158,000	239
21	1,040,832	864	12,397	23,317	2,048,256	2,048,256	160,455	231
22	1,680,192	0	11,193	20,867	2,068,416	2,068,416	148,125	235
23	2,200,608	0	13,335	24,780	2,039,808	2,039,808	151,430	262
24	2,123,712	301,248	11,851	22,190	4,099,776	4,099,776	147,190	261
25	0	6,897,024	8,449	17,689	3,997,056	3,997,056	151,355	261
26	3,621,024	1,513,440	13,139	26,285	4,115,328	4,115,328	153,135	254
27	2,739,168	0	12,572	23,289	2,347,008	2,347,008	118,255	250
28	2,784,384	0	8,155	20,111	2,422,848	2,422,848	158,245	248
Total	57,221,568	25,823,808	386,435	718,564	75,252,096	75,252,096	5,258,795	57,352

**Table 36. San Luis Field Division Energy Data**

(in kWh)

February 2001

Date	Dos Amigos Pumping Plant		Gianelli Pumping-Generating Plant			
	Total Load	SWP Load 1/	Total Generation	SWP Generation 1/	Total Load	SWP Load 1/
1	1,075,104	592,104	0	0	1,509,696	1,509,696
2	1,028,592	617,592	0	0	1,701,216	1,701,216
3	1,181,664	770,664	0	0	1,701,216	1,609,216
4	1,169,712	761,712	0	0	3,436,416	2,332,416
5	906,768	495,768	0	0	1,957,536	1,635,536
6	712,656	301,656	0	0	2,682,432	2,682,432
7	695,088	284,088	0	0	2,435,040	2,435,040
8	901,008	490,008	0	0	1,579,104	1,579,104
9	672,624	261,624	0	0	1,850,400	1,850,400
10	698,832	287,832	0	0	2,485,440	1,072,440
11	1,033,920	625,920	0	0	2,895,264	1,623,264
12	655,056	214,056	0	0	2,106,720	1,735,720
13	607,248	166,248	0	0	1,839,456	1,839,456
14	607,968	166,968	0	0	1,919,520	1,919,520
15	481,968	40,968	0	0	4,739,328	4,739,328
16	575,712	134,712	0	0	3,620,160	3,620,160
17	574,992	133,992	0	0	2,634,912	2,312,912
18	828,720	396,720	0	0	2,253,600	2,253,600
19	623,520	182,520	0	0	2,544,192	2,544,192
20	690,624	249,624	0	0	2,597,472	2,597,472
21	620,064	179,064	0	0	2,219,616	2,219,616
22	602,208	161,208	0	0	1,552,608	1,552,608
23	605,664	164,664	0	0	2,069,568	2,069,568
24	458,928	17,928	0	0	3,932,640	3,932,640
25	564,192	132,192	0	0	5,492,160	3,332,160
26	401,904	-5,096	0	0	5,327,136	5,327,136
27	317,952	29,952	0	0	3,476,448	3,476,448
28	266,688	39,688	0	0	5,283,936	3,906,936
Total	19,559,376	7,894,376	0	0	77,843,232	69,410,232

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping;  
adjustments to SWP water shares are made to balance the mismatch.

**Table 37. San Joaquin Field Division Pumping Plant Energy Load Data**

(in kWh)

February 2001

Date	Coastal Branch					California Aqueduct			
	Las Perillas	Badger Hill	Devils Den	Bluestone	Polonio	Buena Vista	Teerink	Chrisman	Edmonston
1	5,330	12,920	23,490	23,220	24,894	651,600	759,024	1,698,624	6,074,640
2	5,050	12,216	32,688	30,942	33,282	682,272	744,984	1,692,000	6,073,920
3	5,174	12,488	36,666	34,884	37,332	636,552	726,624	1,661,760	6,076,800
4	4,750	11,040	37,872	35,604	38,034	984,240	1,042,272	2,353,248	8,795,520
5	4,844	11,392	39,060	37,476	39,798	441,072	487,584	1,123,488	3,989,520
6	5,438	14,016	36,234	33,768	37,026	396,648	427,464	982,080	3,631,680
7	6,486	15,736	36,306	34,794	36,216	389,448	410,976	901,152	3,336,480
8	7,000	17,376	30,366	29,052	30,960	384,192	401,544	880,128	3,193,920
9	4,834	12,040	30,258	29,322	31,392	371,952	370,440	880,704	3,324,240
10	2,944	6,536	27,324	26,460	28,332	367,848	392,904	862,848	3,325,680
11	2,742	6,360	23,508	21,510	23,778	959,688	1,035,072	2,407,968	8,794,800
12	3,292	7,760	27,792	26,838	28,260	375,984	417,528	948,960	3,325,680
13	2,690	6,168	28,098	26,028	28,890	383,040	443,808	959,328	3,662,640
14	2,948	7,048	29,340	27,846	30,438	427,536	475,632	1,098,144	4,134,240
15	3,436	7,520	23,112	21,744	22,644	362,448	398,664	901,728	3,110,400
16	3,362	7,928	30,042	28,872	30,744	311,760	322,992	761,472	2,904,480
17	3,144	7,272	33,030	31,158	34,002	337,104	364,968	868,320	3,391,920
18	3,966	9,600	33,246	31,446	33,462	701,784	807,336	1,808,640	6,562,080
19	2,818	6,984	24,480	22,932	24,840	366,624	403,560	897,408	3,223,440
20	3,626	7,920	25,650	24,228	25,632	441,288	470,304	1,084,896	3,735,360
21	6,876	16,832	30,042	28,512	30,708	459,072	521,712	1,160,064	4,468,320
22	5,290	13,096	24,984	23,670	25,632	510,408	531,432	1,203,264	4,163,760
23	3,784	9,560	25,830	24,426	26,298	402,912	423,216	943,776	3,357,360
24	4,460	9,864	27,360	25,272	27,900	192,672	225,072	458,208	1,693,440
25	4,276	10,560	28,728	26,910	28,926	491,832	546,696	1,208,448	4,436,640
26	2,750	7,560	29,718	29,142	31,410	258,264	246,096	584,352	1,984,320
27	4,452	10,160	30,654	28,242	30,726	249,048	264,240	584,640	2,167,200
28	2,496	4,808	17,694	16,596	17,658	345,528	360,144	798,912	2,885,040
Total	118,258	282,760	823,572	780,894	839,214	12,882,816	14,022,288	31,714,560	115,823,520

**Table 38. Southern Field Division Energy Data**

(in kWh)

**February 2001**

Date	West Branch			East Branch			
	Oso Pumping Plant Load	Warne Powerplant Generation	Castaic Powerplant SWP Generation	Alamo Powerplant Generation	Pearblossom Pumping Plant Load	Devil Canyon Powerplant Generation	Mojave Siphon Powerplant Generation
1	349,608	945,000	720,000	164,780	1,138,344	1,798,752	95,466
2	348,432	902,016	720,000	166,740	1,139,724	1,940,736	73,983
3	412,552	853,920	720,000	137,172	1,206,228	1,866,528	72,744
4	618,744	1,384,704	2,232,000	187,600	1,494,204	1,639,488	110,586
5	146,496	244,224	480,000	110,768	651,084	889,920	68,733
6	147,336	233,856	480,000	123,032	693,696	867,072	75,663
7	154,000	386,496	480,000	101,332	807,792	910,464	68,733
8	135,240	313,128	480,000	118,188	541,452	692,852	62,895
9	134,344	324,792	480,000	110,600	534,720	1,385,088	54,537
10	108,416	408,096	480,000	123,788	796,620	2,112,480	64,701
11	674,408	1,431,072	2,160,000	164,136	1,540,704	1,692,960	89,460
12	152,208	367,056	480,000	109,452	878,352	1,629,792	73,080
13	139,496	369,072	480,000	131,040	1,089,840	1,439,616	109,221
14	113,904	358,776	480,000	170,100	1,152,120	1,680,864	110,775
15	144,928	356,112	480,000	98,560	1,132,080	1,217,952	81,711
16	120,344	387,792	480,000	100,436	455,760	1,946,112	50,442
17	136,472	383,904	480,000	115,864	998,844	1,801,056	77,490
18	452,200	788,688	1,320,000	145,376	1,019,316	1,814,592	117,831
19	102,648	399,024	480,000	121,100	1,110,852	1,426,848	76,356
20	135,352	347,328	513,000	138,376	926,088	1,507,296	79,653
21	134,960	338,832	480,000	182,028	609,312	1,258,752	64,512
22	155,512	284,760	480,000	149,212	1,013,268	1,168,416	81,921
23	115,080	296,640	480,000	129,472	995,052	1,355,424	76,041
24	10,640	0	480,000	83,636	784,236	2,064,576	61,551
25	10,584	43,920	1,320,000	237,608	1,193,124	1,344,192	154,329
26	10,752	113,760	480,000	105,784	538,644	1,466,880	55,902
27	10,864	113,832	480,000	109,368	801,684	1,417,440	66,528
28	67,200	113,616	0	122,332	865,488	1,483,296	71,736
Total	5,242,720	12,490,416	18,825,000	3,757,880	26,108,628	41,819,444	2,246,580